

10 Auswahltabellen

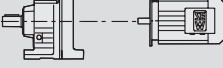
10.1 Getriebemotoren DRS.. mit BF.. oder BT..

10.1.1 Auswahltabellen R..DRS.. mit BF.. oder BT..

DRS112M4BF11 / DRS112M4BT11/U					n _e =1400 rpm		
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N			m kg	
			R	RF			
6.3	222.60*	8160	53000	53000	R 137 DRS 112M4 RF 137 DRS 112M4	310	404
7.4	188.45	8160	53000	53000		335	405
8.0	174.40*	8160	53000	53000			
9.0	156.31	8160	53000	53000			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	7770	53900	53900			
28	50.86*	6680	55900	55900			
32	44.39	5830	57300	57300			
37	37.65	4950	58500	58500			
43	32.91	4320	59200	59200			
47	29.57*	3880	59600	59600	R 137 DRS 112M4 RF 137 DRS 112M4	300	404
58	24.12	3170	60200	60200		325	405
64	22.00*	2890	60400	60400			
74	19.04*	2500	60700	60700			
83	16.80*	2200	60800	60800			
96	14.51	1900	61000	61000			
109	12.83	1680	61100	61100			
184	7.59	990	61300	61300			
5.6	251.15	4360	29100	29100	R 107 DRS 112M4 RF 107 DRS 112M4	225	402
6.1	229.95	4360	29100	29100		230	403
6.9	203.16	4360	29100	29100			
8.1	172.34	4360	29100	29100			
8.8	158.68	4360	29100	29100			
9.9	141.83	4360	29100	29100			
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	3870	31600	31600			
46	30.77	4040	30800	30800	R 107 DRS 112M4 RF 107 DRS 112M4	215	402
51	27.58	3620	32700	32700		225	403
56	24.90*	3270	34000	34000			
62	22.62	2970	35000	35000			
70	20.07	2630	36000	36000			
77	18.21	2390	36300	36300			
89	15.65	2050	36700	36700			
102	13.66	1790	37000	37000			
121	11.59	1520	37200	37200			
138	10.13	1330	37400	37400			
178	7.86	1030	37500	37500			
210	6.66	870	37600	37600			
241	5.82	765	37700	37700			

DRS112M4BF11 / DRS112M4BT11/U

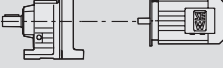
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
7.5	186.30	3090	16000	16000	R 97 RF 97	DRS 112M4 DRS 112M4	165 400 185 401
8.2	170.02	3090	16000	16000			
9.3	150.78	3090	16000	16000			
11	126.75	3090	16000	16000			
12	116.48	3090	16000	16000			
14	103.44	3090	16000	16000			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
21	65.21	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
44	32.05	3090	16000	16000	R 97 RF 97	DRS 112M4 DRS 112M4	165 400 180 401
51	27.19	3090	16000	16000			
56	25.03	3090	16000	16000			
63	22.37	2920	21500	21500			
70	20.14	2640	23300	23300			
77	18.24	2390	24700	24700			
87	16.17	2120	25900	25900			
96	14.62	1920	26700	26700			
113	12.39	1620	27500	27500			
129	10.83	1420	27800	27800			
151	9.29	1220	28000	28000			
167	8.39	1100	28100	28100			
197	7.12	930	28300	28300			
225	6.21	810	28400	28400			
269	5.20	680	28500	28500			
311	4.50*	590	28500	28500			
9.0	155.34	1550	16900	16900	R 87 RF 87	DRS 112M4 DRS 112M4	125 397 135 398
9.8	142.41	1550	16900	16900			
11	124.97	1550	16900	16900			
12	118.43*	1550	16900	16900			
14	103.65	1550	16900	16900			
15	93.38	1550	16900	16900			
17	81.92	1550	16900	16900			
19	72.57	1550	16900	16900			
22	63.68*	1550	16900	16900			
23	60.35*	1550	16900	16900			
27	52.82	1550	16900	16900			
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			
41	34.40*	1550	16900	16900	R 87 RF 87	DRS 112M4 DRS 112M4	125 397 130 398
45	31.40	1550	16900	16900			
50	27.84*	1550	16900	16900			
60	23.40	1550	16900	16900			
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1300	18500	18500			
153	9.14*	1200	19000	19000			
170	8.22	1080	19500	19500			
196	7.13	930	20000	20000			
219	6.39	830	20000	20000			
264	5.30*	695	20000	20000			

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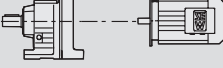
DRS112M4BF11 / DRS112M4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
14	102.99	900	9110	9110	R 77 DRS 112M4 RF 77 DRS 112M4	99	394
15	92.97	900	9110	9110		105	395
17	81.80	900	9110	9110			
18	77.24	900	9110	9110			
21	65.77	900	9110	9110			
24	57.68	900	9110	9110			
27	52.07	900	9110	9110			
31	45.81	900	9110	9110			
32	43.26	900	9110	9110			
38	36.83	900	9110	9110			
42	33.47	900	9110	9110			
48	29.00	900	9110	9110			
55	25.23	900	9110	9110			
60	23.37	900	9110	9110	R 77 DRS 112M4 RF 77 DRS 112M4	98	394
65	21.43	900	9110	9110		105	395
74	18.80	900	9110	9110			
79	17.82*	900	9110	9110			
90	15.60	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110			
163	8.59	840	9730	9730			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	785	10200	10200			
264	5.31*	695	10900	10900			
15	95.91	660	5350	5350	R 67 DRS 112M4 RF 67 DRS 112M4	93	391
16	86.11	660	5350	5350		96	392
19	74.17	660	5350	5350			
20	69.75	660	5350	5350			
27	51.56	600	7560	7560			
30	46.29	600	7560	7560			
35	39.88*	595	7620	7620			
37	37.50	595	7620	7620			
43	32.27	595	7620	7620			
49	28.83	595	7620	7620			
70	19.89	665	4700	4700	R 67 DRS 112M4 RF 67 DRS 112M4	92	391
78	17.95	665	4700	4700		95	392
89	15.79	665	4700	4700			
94	14.91	665	4700	4700			
110	12.70	665	4700	4700			
121	11.54	665	4700	4700			
140	10.00	665	4700	4700			
161	8.70*	660	5350	5350			
180	7.79	485	8710	8710			
190	7.36*	485	8710	8710			
223	6.27	485	8710	8710			
246	5.70	465	8870	8870			
284	4.93	435	9100	9100			
326	4.29	405	9300	9300			
16	89.71	455	7080	7080	R 57 DRS 112M4 RF 57 DRS 112M4	86	388
17	80.55	455	7080	7080		90	389
29	48.23	455	7080	7080			
32	43.30	455	7080	7080			
38	37.30*	455	7080	7080			
40	35.07	455	7080	7080			
46	30.18	455	7080	7080			
52	26.97	455	7080	7080			

DRS112M4BF11 / DRS112M4BT11/U

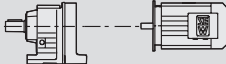
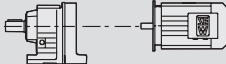
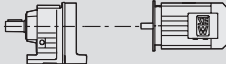
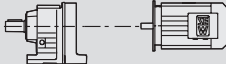
 $n_e=1400$ rpm

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
75	18.60*	455	7080	7080			
83	16.79	455	7080	7080			
95	14.77*	455	7080	7080			
100	13.95*	455	7080	7080			
118	11.88	455	7080	7080			
130	10.79	455	7080	7080			
150	9.35	455	7080	7080	R 57	DRS 112M4	85 388
155	9.06	425	7210	7210	RF 57	DRS 112M4	89 389
176	7.97	425	7210	7210			
186	7.53	425	7210	7210			
218	6.41	425	7210	7210			
241	5.82	425	7210	7210			
277	5.05	425	7210	7210			
319	4.39	420	7230	7230			
86	16.22	305	5390	5390			
96	14.56	305	5390	5390			
112	12.54	305	5390	5390			
119	11.79	305	5390	5390			
138	10.15	305	5390	5390			
154	9.07	305	5390	5390			
175	8.01	300	5420	5420	R 47	DRS 112M4	80 385
180	7.76*	190	5880	5880	RF 47	DRS 112M4	80 386
201	6.96	187	5890	5890			
233	6.00	182	5910	5910			
248	5.64*	180	5920	5920			
289	4.85	175	5930	5930			
323	4.34	170	5940	5940			
366	3.83	166	5960	5960			
211	6.63*	625	30000	30000			
250	5.61	600	30000	30000			
270	5.19	580	30000	30000			
301	4.65	550	30000	30000			
333	4.20*	525	30000	30000			
367	3.81	500	30000	30000	RX 107	DRS 112M4	160 383
414	3.38	440	30000	30000	RXF 107	DRS 112M4	180 384
456	3.07	400	30000	30000			
530	2.64*	345	30000	30000			
609	2.30	300	30000	30000			
718	1.95	255	30000	30000			
819	1.71	220	30000	30000			
196	7.16*	390	20000	20000			
213	6.56	440	20000	20000			
242	5.79	595	20000	20000			
285	4.91	590	20000	20000			
310	4.52	590	20000	20000			
347	4.04	530	20000	20000			
385	3.64*	475	20000	20000	RX 97	DRS 112M4	130 381
424	3.30	430	20000	20000	RXF 97	DRS 112M4	140 382
479	2.92	380	20000	20000			
530	2.64	345	20000	20000			
625	2.24*	290	20000	20000			
714	1.96	255	20000	20000			
854	1.64	215	20000	20000			
986	1.42	186	20000	20000			
252	5.56*	335	13000	13000			
276	5.07	365	13000	13000			
311	4.50*	415	12900	12900			
370	3.78	455	12700	12700			
402	3.48	455	12700	12700			
453	3.09	405	12900	12900	RX 87	DRS 112M4	105 379
507	2.76*	360	13000	13000	RXF 87	DRS 112M4	110 380
565	2.48	325	13000	13000			
651	2.15	280	13000	13000			
725	1.93	250	13000	13000			
875	1.60*	210	13000	13000			
1005	1.39	182	13000	13000			

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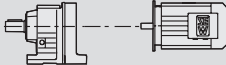
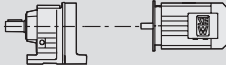
DRS112M4BF11 / DRS112M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
347	4.04*	210	10000	10000		89	377
378	3.70	215	10000	10000			
431	3.25*	245	10000	10000			
455	3.08*	260	10000	10000			
519	2.70	285	10000	10000			
576	2.43	295	10000	10000			
657	2.13	275	10000	10000			
745	1.88*	245	10000	10000			
838	1.67	215	10000	10000			
986	1.42	187	10000	10000			
438	3.20*	139	5610	5610		79	375
484	2.89	142	5590	5590			
551	2.54	162	5470	5470			
583	2.40*	163	5460	5460			
686	2.04	186	5310	5310			
753	1.86	187	5300	5300			
870	1.61	171	5380	5380			
1000	1.40*	156	5450	5450			
530	2.64*	90	3980	3980		77	373
591	2.37	90	3980	3980			
686	2.04	90	3970	3970			
729	1.92*	90	3970	3970			
848	1.65	90	3960	3960			
946	1.48	90	3950	3950			
1075	1.30	90	3940	3940			

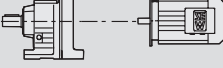
DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
8.6	163.31	13000	62700	62700		445	406
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	11500	65400	65400			
30	46.65	10200	67500	67500			
35	40.29	8810	69400	69400			
39	35.64	7790	70500	70500			
47	29.95	6550	71700	71700			
68	20.44	4460	73300	73300			
78	18.04	3940	73600	73600			
90	15.64	3410	73800	73800			
101	13.91	3040	74000	74000			
117	11.99	2620	74100	74100			
193	7.25	1580	74400	74400			

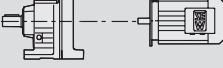
DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
6.3	222.60*	8160	53000	53000	R 137 DRS 132S4 RF 137 DRS 132S4	315 404 335 405	
7.4	188.45	8160	53000	53000			
8.0	174.40*	8160	53000	53000			
9.0	156.31	8160	53000	53000			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	7190	55000	55000	R 137 DRS 132S4 RF 137 DRS 132S4	305 404 325 405	
50	27.83	6080	56900	56900			
47	29.57*	5690	57500	57500			
58	24.12	5230	58100	58100			
64	22.00*	4810	58600	58600			
74	19.04*	4160	59300	59300			
83	16.80*	3670	59800	59800			
96	14.51	3170	60200	60200			
109	12.83	2800	60500	60500			
130	10.79	2350	60800	60800			
184	7.59	1660	61100	61100	R 107 DRS 132S4 RF 107 DRS 132S4	225 402 235 403	
219	6.38	1390	61200	61200			
6.9	203.16	4360	29100	29100			
8.1	172.34	4360	29100	29100			
8.8	158.68	4360	29100	29100			
9.9	141.83	4360	29100	29100			
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100	R 107 DRS 132S4 RF 107 DRS 132S4	220 402 225 403	
46	30.77	4360	29100	29100			
51	27.58	4360	29100	29100			
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	3980	31100	31100			
89	15.65	3420	33500	33500			
102	13.66	2980	35000	35000			
121	11.59	2530	36100	36100			
138	10.13	2210	36500	36500			
164	8.56	1870	36900	36900			
178	7.86	1710	37100	37100			
210	6.66	1450	37300	37300			
241	5.82	1270	37400	37400			
285	4.92	1070	37500	37500			

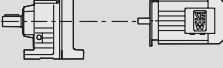
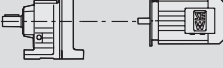
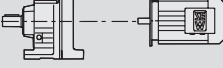
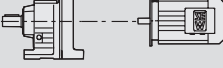
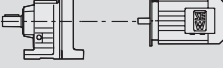
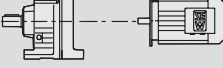
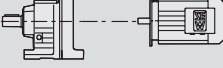
DRS132S4BF11 / DRS132S4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
9.3	150.78	3090	16000	16000	R 97 DRS 132S4 RF 97 DRS 132S4	170	400
11	126.75	3090	16000	16000		185	401
12	116.48	3090	16000	16000			
14	103.44	3090	16000	16000			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
21	65.21	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
44	32.05	3090	16000	16000	R 97 DRS 132S4 RF 97 DRS 132S4	165	400
51	27.19	3090	16000	16000		185	401
56	25.03	3090	16000	16000			
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	2710	22900	22900			
129	10.83	2360	24800	24800			
151	9.29	1980	26500	26500			
167	8.39	1830	27000	27000			
197	7.12	1550	27600	27600			
225	6.21	1350	27800	27800			
269	5.20	1130	28100	28100			
311	4.50*	980	28200	28200			
11	124.97	1550	16900	16900	R 87 DRS 132S4 RF 87 DRS 132S4	130	397
12	118.43*	1550	16900	16900		135	398
14	103.65	1550	16900	16900			
15	93.38	1550	16900	16900			
17	81.92	1550	16900	16900			
22	63.68*	1550	16900	16900			
23	60.35*	1550	16900	16900			
27	52.82	1550	16900	16900			
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			
50	27.84*	1550	16900	16900	R 87 DRS 132S4 RF 87 DRS 132S4	130	397
60	23.40	1550	16900	16900		135	398
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1150	19200	19200			
17	81.80	900	9110	9110	R 77 DRS 132S4 RF 77 DRS 132S4	100	394
18	77.24	900	9110	9110		110	395
21	65.77	900	9110	9110			
31	45.81	900	9110	9110			
32	43.26	900	9110	9110			
38	36.83	900	9110	9110			
42	33.47	900	9110	9110			
48	29.00	900	9110	9110			
55	25.23	900	9110	9110			

DRS132S4BF11 / DRS132S4BT11/U

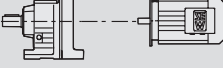
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
74	18.80	900	9110	9110		100	394
79	17.82*	900	9110	9110			
90	15.60	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110			
163	8.59	840	9730	9730			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000		105	395
264	5.31*	765	10400	10400			
19	74.17	660	5350	5350		96	391
20	69.75	660	5350	5350			
35	39.88*	595	7620	7620			
37	37.50	595	7620	7620			
43	32.27	595	7620	7620			
49	28.83	595	7620	7620			
89	15.79	665	4700	4700		95	391
94	14.91	665	4700	4700			
110	12.70	665	4700	4700			
121	11.54	665	4700	4700			
140	10.00	665	4700	4700			
161	8.70*	660	5350	5350			
180	7.79	485	8710	8710			
190	7.36*	485	8710	8710			
223	6.27	485	8710	8710			
246	5.70	465	8870	8870			
284	4.93	435	9100	9100			
326	4.29	405	9300	9300			
38	37.30*	455	7080	7080		90	388
40	35.07	455	7080	7080			
46	30.18	455	7080	7080			
52	26.97	455	7080	7080			
95	14.77*	455	7080	7080		89	388
100	13.95*	455	7080	7080			
118	11.88	455	7080	7080			
130	10.79	455	7080	7080			
150	9.35	455	7080	7080			
176	7.97	425	7210	7210			
186	7.53	425	7210	7210			
218	6.41	425	7210	7210			
241	5.82	425	7210	7210			
277	5.05	425	7210	7210			
319	4.39	420	7230	7230			
112	12.54	305	5390	5390		84	385
119	11.79	305	5390	5390			
138	10.15	305	5390	5390			
154	9.07	305	5390	5390			
175	8.01	300	5420	5420			
233	6.00	182	5910	5910			
248	5.64*	180	5920	5920			
289	4.85	175	5930	5930			
323	4.34	170	5940	5940			
366	3.83	166	5960	5960			

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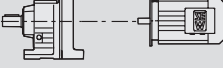
DRS132S4BF11 / DRS132S4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
211	6.63*	625	30000	30000	RX 107 DRS 132S4 RXF 107 DRS 132S4	165 383 180 384	
250	5.61	595	30000	30000			
270	5.19	775	30000	30000			
301	4.65	755	30000	30000			
333	4.20*	730	30000	30000			
367	3.81	705	30000	30000			
414	3.38	680	30000	30000			
456	3.07	660	30000	30000			
530	2.64*	575	30000	30000			
609	2.30	500	30000	30000			
718	1.95	425	30000	30000			
819	1.71	370	30000	30000	RX 97 DRS 132S4 RXF 97 DRS 132S4	135 381 140 382	
972	1.44	315	30000	30000			
242	5.79	595	20000	20000			
285	4.91	590	20000	20000			
310	4.52	730	20000	20000			
347	4.04	710	20000	20000			
385	3.64*	690	20000	20000			
424	3.30	665	20000	20000			
479	2.92	635	20000	20000			
530	2.64	575	20000	20000			
625	2.24*	485	20000	20000			
714	1.96	425	20000	20000	RX 87 DRS 132S4 RXF 87 DRS 132S4	110 379 115 380	
854	1.64	355	20000	20000			
986	1.42	305	20000	20000			
311	4.50*	415	12900	12900			
370	3.78	455	12700	12700			
402	3.48	540	12400	12400			
453	3.09	540	12400	12400			
507	2.76*	530	12400	12400			
565	2.48	510	12500	12500			
651	2.15	470	12600	12600			
725	1.93	420	12800	12800			
875	1.60*	345	13000	13000	RX 77 DRS 132S4 RXF 77 DRS 132S4	93 377 95 378	
1005	1.39	300	13000	13000			
431	3.25*	245	10000	10000			
455	3.08*	260	10000	10000			
519	2.70	285	10000	10000			
576	2.43	305	10000	10000			
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000			
838	1.67	255	10000	10000			
986	1.42	230	10000	10000	RX 67 DRS 132S4 RXF 67 DRS 132S4	83 375 87 376	
551	2.54	162	5470	5470			
583	2.40*	163	5460	5460			
686	2.04	186	5310	5310			
753	1.86	187	5300	5300			
870	1.61	171	5380	5380			
1000	1.40*	156	5450	5450			
686	2.04	90	3970	3970	RX 57 DRS 132S4 RXF 57 DRS 132S4	80 373 82 374	
729	1.92*	90	3970	3970			
848	1.65	90	3960	3960			
946	1.48	90	3950	3950			
1075	1.30	90	3940	3940			

DRS132M4BF11 / DRS132M4BT11/U

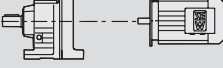
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
8.6	163.31	13000	62700	62700	R 147 DRS 132M4 RF 147 DRS 132M4	460	406
9.5	146.91	13000	62700	62700		465	407
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	11500	65400	65400			
30	46.65	10200	67500	67500			
35	40.29	8810	69400	69400			
39	35.64	7790	70500	70500			
47	29.95	6550	71700	71700			
68	20.44	4460	73300	73300	R 147 DRS 132M4 RF 147 DRS 132M4	445	406
78	18.04	3940	73600	73600		455	407
90	15.64	3410	73800	73800			
101	13.91	3040	74000	74000			
117	11.99	2620	74100	74100			
193	7.25	1580	74400	74400			
6.3	222.60*	8160	53000	53000	R 137 DRS 132M4 RF 137 DRS 132M4	325	404
7.4	188.45	8160	53000	53000		350	405
8.0	174.40*	8160	53000	53000			
9.0	156.31	8160	53000	53000			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	7190	55000	55000			
50	27.83	6080	56900	56900			
47	29.57*	5690	57500	57500	R 137 DRS 132M4 RF 137 DRS 132M4	315	404
58	24.12	5230	58100	58100		340	405
64	22.00*	4810	58600	58600			
74	19.04*	4160	59300	59300			
83	16.80*	3670	59800	59800			
96	14.51	3170	60200	60200			
109	12.83	2800	60500	60500			
130	10.79	2350	60800	60800			
184	7.59	1660	61100	61100			
219	6.38	1390	61200	61200			
6.9	203.16	4360	29100	29100	R 107 DRS 132M4 RF 107 DRS 132M4	240	402
8.1	172.34	4360	29100	29100		245	403
8.8	158.68	4360	29100	29100			
9.9	141.83	4360	29100	29100			
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			

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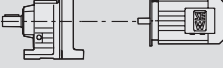
DRS132M4BF11 / DRS132M4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
46	30.77	4360	29100	29100	R 107 DRS 132M4 RF 107 DRS 132M4	235	402
51	27.58	4360	29100	29100		240	403
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	3980	31100	31100			
89	15.65	3420	33500	33500			
102	13.66	2980	35000	35000			
121	11.59	2530	36100	36100			
138	10.13	2210	36500	36500			
164	8.56	1870	36900	36900			
178	7.86	1710	37100	37100			
210	6.66	1450	37300	37300			
241	5.82	1270	37400	37400			
285	4.92	1070	37500	37500			
9.3	150.78	3090	16000	16000	R 97 DRS 132M4 RF 97 DRS 132M4	185	400
11	126.75	3090	16000	16000		200	401
12	116.48	3090	16000	16000			
14	103.44	3090	16000	16000			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
21	65.21	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
44	32.05	3090	16000	16000	R 97 DRS 132M4 RF 97 DRS 132M4	180	400
51	27.19	3090	16000	16000		195	401
56	25.03	3090	16000	16000			
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	2710	22900	22900			
129	10.83	2360	24800	24800			
151	9.29	1980	26500	26500			
167	8.39	1830	27000	27000			
197	7.12	1550	27600	27600			
225	6.21	1350	27800	27800			
269	5.20	1130	28100	28100			
311	4.50*	980	28200	28200			
11	124.97	1550	16900	16900	R 87 DRS 132M4 RF 87 DRS 132M4	140	397
12	118.43*	1550	16900	16900		150	398
14	103.65	1550	16900	16900			
15	93.38	1550	16900	16900			
17	81.92	1550	16900	16900			
22	63.68*	1550	16900	16900			
23	60.35*	1550	16900	16900			
27	52.82	1550	16900	16900			
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			

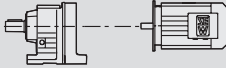
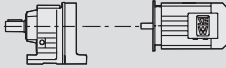
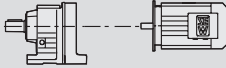
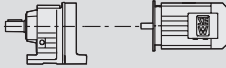
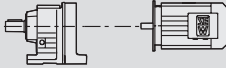
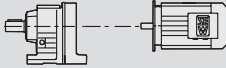
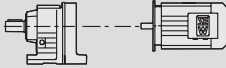
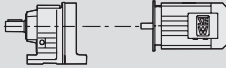
DRS132M4BF11 / DRS132M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
50	27.84*	1550	16900	16900			
60	23.40	1550	16900	16900			
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900	R 87	DRS 132M4	140 397
117	11.93	1550	16900	16900	RF 87	DRS 132M4	150 398
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1150	19200	19200			
17	81.80	900	9110	9110			
18	77.24	900	9110	9110			
21	65.77	900	9110	9110			
31	45.81	900	9110	9110			
32	43.26	900	9110	9110	R 77	DRS 132M4	115 394
38	36.83	900	9110	9110	RF 77	DRS 132M4	120 395
42	33.47	900	9110	9110			
48	29.00	900	9110	9110			
55	25.23	900	9110	9110			
74	18.80	900	9110	9110			
79	17.82*	900	9110	9110			
90	15.60	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110	R 77	DRS 132M4	115 394
145	9.64	900	9110	9110	RF 77	DRS 132M4	120 395
163	8.59	840	9730	9730			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			
19	74.17	660	5350	5350			
20	69.75	660	5350	5350			
35	39.88*	595	7620	7620	R 67	DRS 132M4	110 391
37	37.50	595	7620	7620	RF 67	DRS 132M4	115 392
43	32.27	595	7620	7620			
49	28.83	595	7620	7620			
89	15.79	665	4700	4700			
94	14.91	665	4700	4700			
110	12.70	665	4700	4700			
121	11.54	665	4700	4700			
140	10.00	665	4700	4700			
161	8.70*	660	5350	5350	R 67	DRS 132M4	110 391
180	7.79	485	8710	8710	RF 67	DRS 132M4	110 392
190	7.36*	485	8710	8710			
223	6.27	485	8710	8710			
246	5.70	465	8870	8870			
284	4.93	435	9100	9100			
326	4.29	405	9300	9300			
38	37.30*	455	7080	7080			
40	35.07	455	7080	7080	R 57	DRS 132M4	105 388
46	30.18	455	7080	7080	RF 57	DRS 132M4	105 389
52	26.97	455	7080	7080			

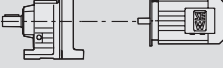
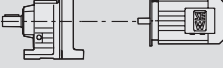
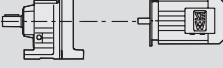
DRS132M4BF11 / DRS132M4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
95	14.77*	455	7080	7080		100	388
100	13.95*	455	7080	7080			
118	11.88	455	7080	7080			
130	10.79	455	7080	7080			
150	9.35	455	7080	7080			
176	7.97	425	7210	7210			
186	7.53	425	7210	7210			
218	6.41	425	7210	7210			
241	5.82	425	7210	7210			
277	5.05	425	7210	7210			
319	4.39	420	7230	7230			
112	12.54	305	5390	5390		97	385
119	11.79	305	5390	5390			
138	10.15	305	5390	5390			
154	9.07	305	5390	5390			
175	8.01	300	5420	5420			
233	6.00	182	5910	5910			
248	5.64*	180	5920	5920			
289	4.85	175	5930	5930			
323	4.34	170	5940	5940			
366	3.83	166	5960	5960			
211	6.63*	625	30000	30000		180	383
250	5.61	595	30000	30000			
270	5.19	775	30000	30000			
301	4.65	755	30000	30000			
333	4.20*	730	30000	30000			
367	3.81	705	30000	30000			
414	3.38	680	30000	30000			
456	3.07	660	30000	30000			
530	2.64*	575	30000	30000			
609	2.30	500	30000	30000			
718	1.95	425	30000	30000		145	381
819	1.71	370	30000	30000			
972	1.44	315	30000	30000			
242	5.79	595	20000	20000			
285	4.91	590	20000	20000			
310	4.52	730	20000	20000			
347	4.04	710	20000	20000			
385	3.64*	690	20000	20000			
424	3.30	665	20000	20000			
479	2.92	635	20000	20000			
530	2.64	575	20000	20000		125	379
625	2.24*	485	20000	20000			
714	1.96	425	20000	20000			
854	1.64	355	20000	20000			
986	1.42	305	20000	20000			
311	4.50*	415	12900	12900			
370	3.78	455	12700	12700			
402	3.48	540	12400	12400			
453	3.09	540	12400	12400			
507	2.76*	530	12400	12400			
565	2.48	510	12500	12500		110	378
651	2.15	470	12600	12600			
725	1.93	420	12800	12800			
875	1.60*	345	13000	13000			
1005	1.39	300	13000	13000			
431	3.25*	245	10000	10000			
455	3.08*	260	10000	10000			
519	2.70	285	10000	10000			
576	2.43	305	10000	10000			
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000		105	377
838	1.67	255	10000	10000			
986	1.42	230	10000	10000			

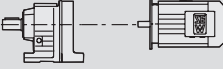
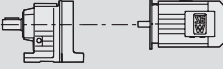
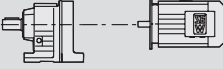
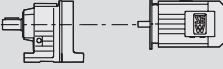
22121099/DE – 11/2015

DRS132M4BF11 / DRS132M4BT11/U**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
551	2.54	162	5470	5470		96	375
583	2.40*	163	5460	5460			
686	2.04	186	5310	5310			
753	1.86	187	5300	5300			
870	1.61	171	5380	5380			
1000	1.40*	156	5450	5450		100	376
686	2.04	90	3970	3970			
729	1.92*	90	3970	3970			
848	1.65	90	3960	3960			
946	1.48	90	3950	3950			
1075	1.30	90	3940	3940			

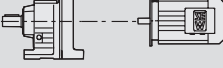
10

DRS132MC4BF11 / DRS132MC4BT11/U**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
8.6	163.31	13000	62700	62700		460	406
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	12400	63800	63800			
35	40.29	11700	65100	65100			
39	35.64	11000	66300	66300			
47	29.95	10100	67600	67600			
58	24.19	8840	69300	69300			
68	20.44	5340	72700	72700		450	406
78	18.04	5100	72900	72900			
90	15.64	4810	73100	73100			
101	13.91	4570	73200	73200			
117	11.99	4280	73400	73400			
144	9.74	3560	73800	73800			
193	7.25	2590	74100	74100			
238	5.89	2150	74300	74300			
8.0	174.40*	8160	53000	53000		330	404
9.0	156.31	8160	53000	53000			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			

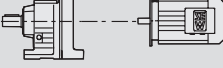
DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
47	29.57*	5780	57400	57400	R 137 DRS 132MC4 RF 137 DRS 132MC4	320	404
58	24.12	5300	58000	58000		345	405
64	22.00*	5150	58200	58200			
74	19.04*	4880	58500	58500			
83	16.80*	4660	58800	58800			
96	14.51	4380	59100	59100			
109	12.83	4140	59400	59400			
130	10.79	3780	59700	59700			
161	8.71	3180	60200	60200			
184	7.59	2440	60700	60700			
219	6.38	2240	60800	60800	R 107 DRS 132MC4 RF 107 DRS 132MC4	245	402
272	5.15	1880	61000	61000		250	403
8.8	158.68	4360	29100	29100			
9.9	141.83	4360	29100	29100			
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100	R 107 DRS 132MC4 RF 107 DRS 132MC4	235	402
24	59.41	4360	29100	29100		245	403
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
46	30.77	4360	29100	29100	R 107 DRS 132MC4 RF 107 DRS 132MC4	235	402
51	27.58	4360	29100	29100		245	403
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	4310	29400	29400			
89	15.65	4050	30800	30800			
102	13.66	3830	31800	31800			
121	11.59	3530	33000	33000			
138	10.13	3290	34000	34000	R 97 DRS 132MC4 RF 97 DRS 132MC4	185	400
164	8.56	3030	34800	34800		205	401
178	7.86	2200	36500	36500			
210	6.66	2030	36700	36700			
241	5.82	1890	36900	36900			
285	4.92	1740	37000	37000			
12	116.48	3090	16000	16000	R 97 DRS 132MC4 RF 97 DRS 132MC4	185	400
14	103.44	3090	16000	16000		205	401
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			

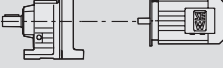
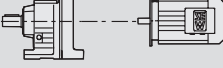
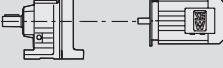
DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
56	25.03	3090	16000	16000			
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000	R 97	DRS 132MC4	185 400
129	10.83	2960	21200	21200	RF 97	DRS 132MC4	200 401
151	9.29	2010	26300	26300			
167	8.39	1930	26700	26700			
197	7.12	1790	27200	27200			
225	6.21	1700	27300	27300			
269	5.20	1550	27600	27600			
311	4.50*	1430	27700	27700			
15	93.38	1550	16900	16900			
17	81.92	1550	16900	16900			
29	47.58	1550	16900	16900	R 87	DRS 132MC4	145 397
34	41.74	1550	16900	16900	RF 87	DRS 132MC4	155 398
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900	R 87	DRS 132MC4	145 397
141	9.90*	1550	16900	16900	RF 87	DRS 132MC4	150 398
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
42	33.47	900	9110	9110	R 77	DRS 132MC4	120 394
48	29.00	900	9110	9110	RF 77	DRS 132MC4	125 395
55	25.23	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110	R 77	DRS 132MC4	120 394
181	7.74	840	9730	9730	RF 77	DRS 132MC4	125 395
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			
121	11.54	665	4700	4700			
140	10.00	665	4700	4700			
161	8.70*	660	5350	5350	R 67	DRS 132MC4	110 391
246	5.70	465	8870	8870	RF 67	DRS 132MC4	115 392
284	4.93	435	9100	9100			
326	4.29	405	9300	9300			
130	10.79	455	7080	7080			
150	9.35	455	7080	7080			
241	5.82	425	7210	7210	R 57	DRS 132MC4	105 388
277	5.05	425	7210	7210	RF 57	DRS 132MC4	110 389
319	4.39	420	7230	7230			
270	5.19	775	30000	30000			
301	4.65	755	30000	30000			
333	4.20*	730	30000	30000			
367	3.81	705	30000	30000			
414	3.38	680	30000	30000			
456	3.07	660	30000	30000	RX 107	DRS 132MC4	180 383
530	2.64*	620	30000	30000	RXF 107	DRS 132MC4	200 384
609	2.30	590	30000	30000			
718	1.95	545	30000	30000			
819	1.71	510	30000	30000			
972	1.44	470	30000	30000			

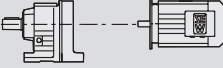
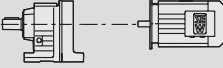
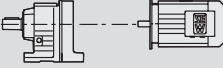
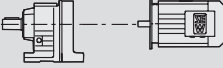
DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
310	4.52	730	20000	20000		150	381
347	4.04	710	20000	20000			
385	3.64*	700	20000	20000			
424	3.30	675	20000	20000			
479	2.92	650	20000	20000			
530	2.64	625	20000	20000			
625	2.24*	580	20000	20000			
714	1.96	550	20000	20000			
854	1.64	500	20000	20000			
986	1.42	460	20000	20000			
402	3.48	540	12400	12400		125	379
453	3.09	540	12400	12400			
507	2.76*	535	12400	12400			
565	2.48	515	12400	12400			
651	2.15	485	12500	12500			
725	1.93	465	12600	12600			
875	1.60*	420	12800	12800			
1005	1.39	395	12800	12800			
576	2.43	305	10000	10000		110	377
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000			
838	1.67	255	10000	10000			
986	1.42	230	10000	10000			

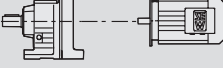
DRS160S4BF20 / DRS160S4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
6.1	229.71	21800	120000	120000		730	408
7.5	186.93*	21800	120000	120000			
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	20300	120000	120000			
17	82.91*	18100	120000	120000			
19	73.70*	16100	120000	120000			
21	67.40	14700	120000	120000			
24	58.65	12800	120000	120000			
27	51.76	11300	120000	120000			
31	44.87	9810	120000	120000			
35	39.92	8730	120000	120000			
41	34.41	7520	120000	120000			
30	46.00	9490	120000	120000		730	408
37	37.74	8250	120000	120000			
46	30.71	6710	120000	120000			
57	24.57	5370	120000	120000			
64	21.85	4770	120000	120000			
74	19.03	4160	120000	120000			
82	16.98	3710	120000	120000			
97	14.48	3160	120000	120000			
8.6	163.31	13000	62700	62700		485	406
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	11500	65400	65400			
30	46.65	10200	67500	67500			
35	40.29	8810	69400	69400			
39	35.64	7790	70500	70500			
47	29.95	6550	71700	71700			

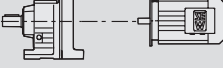
DRS160S4BF20 / DRS160S4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
68	20.44	4460	73300	73300	R 147 DRS 160S4 RF 147 DRS 160S4	470	406
78	18.04	3940	73600	73600		480	407
90	15.64	3410	73800	73800			
101	13.91	3040	74000	74000			
117	11.99	2620	74100	74100			
193	7.25	1580	74400	74400			
8.0	174.40*	8160	53000	53000	R 137 DRS 160S4 RF 137 DRS 160S4	355	404
9.0	156.31	8160	53000	53000		380	405
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	7190	55000	55000			
50	27.83	6080	56900	56900			
47	29.57*	6460	56300	56300	R 137 DRS 160S4 RF 137 DRS 160S4	345	404
58	24.12	5270	58100	58100		370	405
64	22.00*	4810	58600	58600			
74	19.04*	4160	59300	59300			
83	16.80*	3670	59800	59800			
96	14.51	3170	60200	60200			
109	12.83	2800	60500	60500			
130	10.79	2350	60800	60800			
184	7.59	1660	61100	61100			
219	6.38	1390	61200	61200			
8.8	158.68	4360	29100	29100	R 107 DRS 160S4 RF 107 DRS 160S4	275	402
9.9	141.83	4360	29100	29100		280	403
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
46	30.77	4360	29100	29100	R 107 DRS 160S4 RF 107 DRS 160S4	265	402
51	27.58	4360	29100	29100		275	403
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	3980	31100	31100			
89	15.65	3420	33500	33500			
102	13.66	2980	35000	35000			
121	11.59	2530	36100	36100			
138	10.13	2210	36500	36500			
164	8.56	1870	36900	36900			
178	7.86	1710	37100	37100			
210	6.66	1450	37300	37300			
241	5.82	1270	37400	37400			
285	4.92	1070	37500	37500			

DRS160S4BF20 / DRS160S4BT20/U

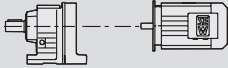
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
12	116.48	3090	16000	16000	R 97 RF 97	DRS 160S4 DRS 160S4	215 400 235 401
14	103.44	3090	16000	16000			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
56	25.03	3090	16000	16000	R 97 RF 97	DRS 160S4 DRS 160S4	210 400 230 401
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	2710	22900	22900			
129	10.83	2360	24800	24800			
151	9.29	2030	26300	26300			
167	8.39	1830	27000	27000			
197	7.12	1550	27600	27600			
225	6.21	1350	27800	27800			
269	5.20	1130	28100	28100			
311	4.50*	980	28200	28200			
15	93.38	1550	16900	16900	R 87 RF 87	DRS 160S4 DRS 160S4	175 397 180 398
17	81.92	1550	16900	16900			
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900	R 87 RF 87	DRS 160S4 DRS 160S4	175 397 180 398
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1150	19200	19200			
42	33.47	900	9110	9110	R 77 RF 77	DRS 160S4 DRS 160S4	150 394 155 395
48	29.00	900	9110	9110			
55	25.23	900	9110	9110			
100	14.05	900	9110	9110	R 77 RF 77	DRS 160S4 DRS 160S4	145 394 155 395
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			

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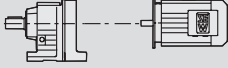
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
270	5.19	900	30000	30000	RX 107 DRS 160S4 RXF 107 DRS 160S4	210	383
301	4.65	950	30000	30000		230	384
333	4.20*	910	30000	30000			
367	3.81	830	30000	30000			
414	3.38	740	30000	30000			
456	3.07	670	30000	30000			
530	2.64*	575	30000	30000			
609	2.30	500	30000	30000			
718	1.95	425	30000	30000			
819	1.71	370	30000	30000			
972	1.44	315	30000	30000			
310	4.52	800	20000	20000	RX 97 DRS 160S4 RXF 97 DRS 160S4	180	381
347	4.04	800	20000	20000		185	382
385	3.64*	795	20000	20000			
424	3.30	720	20000	20000			
479	2.92	635	20000	20000			
530	2.64	575	20000	20000			
625	2.24*	485	20000	20000			
714	1.96	425	20000	20000			
854	1.64	355	20000	20000			
986	1.42	305	20000	20000			
402	3.48	540	12400	12400	RX 87 DRS 160S4 RXF 87 DRS 160S4	155	379
453	3.09	540	12400	12400		160	380
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300			
651	2.15	470	12600	12600			
725	1.93	420	12800	12800			
875	1.60*	345	13000	13000			
1005	1.39	300	13000	13000			
576	2.43	305	10000	10000			
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000	RX 77 DRS 160S4 RXF 77 DRS 160S4	140	377
838	1.67	255	10000	10000		140	378
986	1.42	230	10000	10000			

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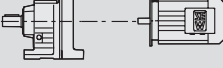
DRS160M4BF20 / DRS160M4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
6.1	229.71	21800	120000	120000	R 167 DRS 160M4 RF 167 DRS 160M4	740	408
7.5	186.93*	21800	120000	120000		750	409
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	20200	120000	120000			
21	67.40	19700	120000	120000			
24	58.65	18800	120000	120000			
27	51.76	18000	120000	120000			
31	44.87	16300	120000	120000			
35	39.92	14500	120000	120000			
41	34.41	12500	120000	120000			
50	27.96	10200	120000	120000			
30	46.00	9490	120000	120000			
37	37.74	9230	120000	120000			
46	30.71	8520	120000	120000			
57	24.57	7980	120000	120000			
64	21.85	7700	120000	120000			
74	19.03	6950	120000	120000	R 167 DRS 160M4 RF 167 DRS 160M4	740	408
82	16.98	6200	120000	120000		740	409
97	14.48	5280	120000	120000			
117	11.99	4380	120000	120000			

DRS160M4BF20 / DRS160M4BT20/U

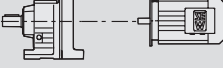
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
8.6	163.31	13000	62700	62700	R 147 DRS 160M4 RF 147 DRS 160M4	495	406
9.5	146.91	13000	62700	62700		500	407
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	10900	66400	66400			
58	24.19	8840	69300	69300			
68	20.44	6760	71600	71600	R 147 DRS 160M4 RF 147 DRS 160M4	480	406
78	18.04	6480	71800	71800		490	407
90	15.64	5710	72400	72400			
101	13.91	5080	72900	72900			
117	11.99	4380	73300	73300			
144	9.74	3560	73800	73800			
193	7.25	2640	74100	74100			
238	5.89	2150	74300	74300			
8.0	174.40*	8160	53000	53000	R 137 DRS 160M4 RF 137 DRS 160M4	365	404
9.0	156.31	8160	53000	53000		390	405
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			
47	29.57*	7240	54900	54900	R 137 DRS 160M4 RF 137 DRS 160M4	355	404
58	24.12	6700	55900	55900		380	405
64	22.00*	6510	56200	56200			
74	19.04*	6190	56700	56700			
83	16.80*	5930	57100	57100			
96	14.51	5300	58000	58000			
109	12.83	4680	58800	58800			
130	10.79	3940	59600	59600			
161	8.71	3180	60200	60200			
184	7.59	2770	60500	60500			
219	6.38	2330	60800	60800			
272	5.15	1880	61000	61000			
8.8	158.68	4360	29100	29100	R 107 DRS 160M4 RF 107 DRS 160M4	280	402
9.9	141.83	4360	29100	29100		290	403
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			

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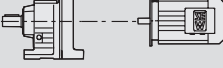
DRS160M4BF20 / DRS160M4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
46	30.77	4360	29100	29100	R 107 DRS 160M4 RF 107 DRS 160M4	275 402 280 403	
51	27.58	4360	29100	29100			
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4230	29800	29800			
138	10.13	3700	32400	32400			
164	8.56	3120	34600	34600			
178	7.86	2790	35600	35600			
210	6.66	2430	36300	36300			
241	5.82	2120	36600	36600			
285	4.92	1790	37000	37000			
12	116.48	3090	16000	16000	R 97 DRS 160M4 RF 97 DRS 160M4	225 400 240 401	
14	103.44	3090	16000	16000			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
56	25.03	3090	16000	16000	R 97 DRS 160M4 RF 97 DRS 160M4	220 400 240 401	
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2540	23900	23900			
167	8.39	2450	24300	24300			
197	7.12	2280	25200	25200			
225	6.21	2160	25700	25700			
269	5.20	1890	26800	26800			
311	4.50*	1640	27400	27400			
15	93.38	1550	16900	16900	R 87 DRS 160M4 RF 87 DRS 160M4	185 397 190 398	
17	81.92	1550	16900	16900			
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			
65	21.51	1550	16900	16900	R 87 DRS 160M4 RF 87 DRS 160M4	180 397 190 398	
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
42	33.47	900	9110	9110	R 77 DRS 160M4 RF 77 DRS 160M4	155 394 165 395	
48	29.00	900	9110	9110			
55	25.23	900	9110	9110			

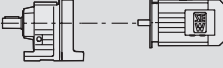
DRS160M4BF20 / DRS160M4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
100	14.05	900	9110	9110	R 77 RF 77	DRS 160M4 DRS 160M4	155 394 160 395
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400	RX 107 RXF 107	DRS 160M4 DRS 160M4	220 383 235 384
270	5.19	900	30000	30000			
301	4.65	950	30000	30000			
333	4.20*	920	30000	30000			
367	3.81	900	30000	30000			
414	3.38	870	30000	30000			
456	3.07	840	30000	30000			
530	2.64*	795	30000	30000			
609	2.30	755	30000	30000			
718	1.95	700	30000	30000			
819	1.71	620	30000	30000			
972	1.44	525	30000	30000			
310	4.52	800	20000	20000	RX 97 RXF 97	DRS 160M4 DRS 160M4	185 381 195 382
347	4.04	800	20000	20000			
385	3.64*	800	20000	20000			
424	3.30	800	20000	20000			
479	2.92	800	20000	20000			
530	2.64	790	20000	20000			
625	2.24*	735	20000	20000			
714	1.96	695	20000	20000			
854	1.64	595	20000	20000			
986	1.42	515	20000	20000			
402	3.48	540	12400	12400	RX 87 RXF 87	DRS 160M4 DRS 160M4	165 379 170 380
453	3.09	540	12400	12400			
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300			
651	2.15	540	12300	12300			
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			
576	2.43	305	10000	10000	RX 77 RXF 77	DRS 160M4 DRS 160M4	145 377 150 378
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000			
838	1.67	255	10000	10000			
986	1.42	230	10000	10000			

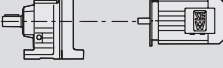
DRS160MC4BF20 / DRS160MC4BT20/U

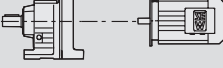
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
6.1	229.71	21800	120000	120000	R 167 RF 167	DRS 160MC4 DRS 160MC4	750 408 750 409
7.5	186.93*	21800	120000	120000			
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	20200	120000	120000			
21	67.40	19700	120000	120000			
24	58.65	18800	120000	120000			
27	51.76	18000	120000	120000			
31	44.87	16300	120000	120000			
35	39.92	14500	120000	120000			
41	34.41	12500	120000	120000			
50	27.96	10200	120000	120000			

DRS160MC4BF20 / DRS160MC4BT20/U

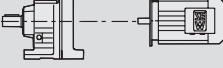
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
30	46.00	9490	120000	120000	R 167 DRS 160MC4 RF 167 DRS 160MC4	740	408
37	37.74	9230	120000	120000		750	409
46	30.71	8520	120000	120000			
57	24.57	7980	120000	120000			
64	21.85	7700	120000	120000			
74	19.03	6950	120000	120000			
82	16.98	6200	120000	120000			
97	14.48	5280	120000	120000			
117	11.99	4380	120000	120000			
8.6	163.31	13000	62700	62700	R 147 DRS 160MC4 RF 147 DRS 160MC4	500	406
9.5	146.91	13000	62700	62700		510	407
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	10900	66400	66400			
58	24.19	8840	69300	69300			
68	20.44	6760	71600	71600	R 147 DRS 160MC4 RF 147 DRS 160MC4	485	406
78	18.04	6480	71800	71800		495	407
90	15.64	5710	72400	72400			
101	13.91	5080	72900	72900			
117	11.99	4380	73300	73300			
144	9.74	3560	73800	73800			
193	7.25	2640	74100	74100			
238	5.89	2150	74300	74300			
8.0	174.40*	8160	53000	53000	R 137 DRS 160MC4 RF 137 DRS 160MC4	370	404
9.0	156.31	8160	53000	53000		395	405
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			
47	29.57*	7240	54900	54900	R 137 DRS 160MC4 RF 137 DRS 160MC4	360	404
58	24.12	6700	55900	55900		385	405
64	22.00*	6510	56200	56200			
74	19.04*	6190	56700	56700			
83	16.80*	5930	57100	57100			
96	14.51	5300	58000	58000			
109	12.83	4680	58800	58800			
130	10.79	3940	59600	59600			
161	8.71	3180	60200	60200			
184	7.59	2770	60500	60500			
219	6.38	2330	60800	60800			
272	5.15	1880	61000	61000			

DRS160MC4BF20 / DRS160MC4BT20/U					n _e =1400 rpm	
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg 
			R	RF		
8.8	158.68	4360	29100	29100	R 107 DRS 160MC4 RF 107 DRS 160MC4	285 402 295 403
9.9	141.83	4360	29100	29100		
11	127.68	4360	29100	29100		
12	115.63	4360	29100	29100		
14	102.53	4360	29100	29100		
15	92.70	4360	29100	29100		
18	78.57	4360	29100	29100		
19	72.88	4360	29100	29100		
21	65.60*	4360	29100	29100		
24	59.41	4360	29100	29100		
27	52.68	4360	29100	29100		
29	47.63	4360	29100	29100		
35	40.37*	4360	29100	29100		
40	35.26	4360	29100	29100		
47	29.49	4360	29100	29100		
46	30.77	4360	29100	29100	R 107 DRS 160MC4 RF 107 DRS 160MC4	280 402 285 403
51	27.58	4360	29100	29100		
56	24.90*	4360	29100	29100		
62	22.62	4360	29100	29100		
70	20.07	4360	29100	29100		
77	18.21	4360	29100	29100		
89	15.65	4360	29100	29100		
102	13.66	4360	29100	29100		
121	11.59	4230	29800	29800		
138	10.13	3700	32400	32400		
164	8.56	3120	34600	34600		
178	7.86	2790	35600	35600		
210	6.66	2430	36300	36300		
241	5.82	2120	36600	36600		
285	4.92	1790	37000	37000		
12	116.48	3090	16000	16000	R 97 DRS 160MC4 RF 97 DRS 160MC4	230 400 245 401
14	103.44	3090	16000	16000		
15	92.48	3090	16000	16000		
17	83.15	3090	16000	16000		
19	72.17	3090	16000	16000		
23	59.92	3090	16000	16000		
26	53.21	3090	16000	16000		
29	47.58	3090	16000	16000		
33	42.78	3090	16000	16000		
38	37.13	3090	16000	16000		
42	33.25	3090	16000	16000	R 97 DRS 160MC4 RF 97 DRS 160MC4	225 400 245 401
51	27.58	3090	16000	16000		
56	25.03	3090	16000	16000		
63	22.37	3090	16000	16000		
70	20.14	3090	16000	16000		
77	18.24	3090	16000	16000		
87	16.17	3090	16000	16000		
96	14.62	3090	16000	16000		
113	12.39	3090	16000	16000		
129	10.83	3090	16000	16000		
151	9.29	2540	23900	23900	R 87 DRS 160MC4 RF 87 DRS 160MC4	190 397 195 398
167	8.39	2450	24300	24300		
197	7.12	2280	25200	25200		
225	6.21	2160	25700	25700		
269	5.20	1890	26800	26800		
311	4.50*	1640	27400	27400		
15	93.38	1550	16900	16900	R 87 DRS 160MC4 RF 87 DRS 160MC4	190 397 195 398
17	81.92	1550	16900	16900		
29	47.58	1550	16900	16900		
34	41.74	1550	16900	16900		
38	36.84*	1550	16900	16900		
43	32.66*	1550	16900	16900		
50	27.88	1550	16900	16900		

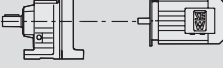
DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900	R 87	DRS 160MC4	185 397
153	9.14*	1270	18600	18600	RF 87	DRS 160MC4	195 398
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
42	33.47	900	9110	9110	R 77	DRS 160MC4	160 394
48	29.00	900	9110	9110	RF 77	DRS 160MC4	170 395
55	25.23	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110	R 77	DRS 160MC4	160 394
181	7.74	840	9730	9730	RF 77	DRS 160MC4	165 395
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			
270	5.19	900	30000	30000			
301	4.65	950	30000	30000			
333	4.20*	920	30000	30000			
367	3.81	900	30000	30000			
414	3.38	870	30000	30000			
456	3.07	840	30000	30000	RX 107	DRS 160MC4	225 383
530	2.64*	795	30000	30000	RXF 107	DRS 160MC4	240 384
609	2.30	755	30000	30000			
718	1.95	700	30000	30000			
819	1.71	620	30000	30000			
972	1.44	525	30000	30000			
310	4.52	800	20000	20000			
347	4.04	800	20000	20000			
385	3.64*	800	20000	20000			
424	3.30	800	20000	20000			
479	2.92	800	20000	20000	RX 97	DRS 160MC4	190 381
530	2.64	790	20000	20000	RXF 97	DRS 160MC4	200 382
625	2.24*	735	20000	20000			
714	1.96	695	20000	20000			
854	1.64	595	20000	20000			
986	1.42	515	20000	20000			
402	3.48	540	12400	12400			
453	3.09	540	12400	12400			
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300	RX 87	DRS 160MC4	170 379
651	2.15	540	12300	12300	RXF 87	DRS 160MC4	175 380
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			
576	2.43	305	10000	10000			
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000	RX 77	DRS 160MC4	150 377
838	1.67	255	10000	10000	RXF 77	DRS 160MC4	155 378
986	1.42	230	10000	10000			

DRS180S4BF30 / DRS180S4BT30/U

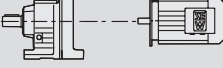
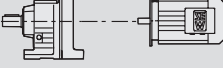
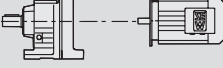
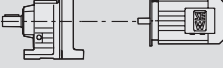
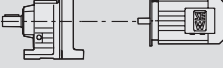
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
6.1	229.71	21800	120000	120000	R 167 DRS 180S4 RF 167 DRS 180S4	800 408 810 409	
7.5	186.93*	21800	120000	120000			
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	21800	120000	120000			
21	67.40	21800	120000	120000			
24	58.65	21800	120000	120000			
27	51.76	21800	120000	120000			
31	44.87	21800	120000	120000			
35	39.92	21800	120000	120000			
41	34.41	21600	120000	120000			
50	27.96	17600	120000	120000			
30	46.00	10000	120000	120000	R 167 DRS 180S4 RF 167 DRS 180S4	800 408 800 409	
37	37.74	11700	120000	120000			
46	30.71	13500	120000	120000			
57	24.57	15400	120000	120000			
64	21.85	13700	120000	120000			
74	19.03	11900	120000	120000			
82	16.98	10600	120000	120000			
97	14.48	9110	120000	120000			
117	11.99	7550	120000	120000			
8.6	163.31	13000	62700	62700	R 147 DRS 180S4 RF 147 DRS 180S4	560 406 560 407	
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	13000	62700	62700			
58	24.19	13000	62700	62700			
68	20.44	12800	63100	63100	R 147 DRS 180S4 RF 147 DRS 180S4	540 406 550 407	
78	18.04	11300	65800	65800			
90	15.64	9850	68000	68000			
101	13.91	8760	69400	69400			
117	11.99	7550	70800	70800			
144	9.74	6130	72100	72100			
193	7.25	4560	73200	73200			
238	5.89	3710	73700	73700			
8.0	174.40*	8160	53000	53000	R 137 DRS 180S4 RF 137 DRS 180S4	430 404 450 405	
9.0	156.31	8160	53000	53000			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			

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DRS180S4BF30 / DRS180S4BT30/U

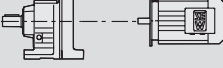
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
47	29.57*	7830	53700	53700		420	404
58	24.12	8160	53000	53000			
64	22.00*	8160	53000	53000			
74	19.04*	8160	53000	53000			
83	16.80*	8160	53000	53000			
96	14.51	8160	53000	53000			
109	12.83	8080	53200	53200			
130	10.79	6790	55700	55700			
161	8.71	5480	57800	57800			
184	7.59	4780	58700	58700			
219	6.38	4010	59500	59500			
272	5.15	3240	60200	60200			
8.8	158.68	4360	29100	29100		345	402
9.9	141.83	4360	29100	29100			
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
46	30.77	4360	29100	29100		340	402
51	27.58	4360	29100	29100			
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4360	29100	29100			
138	10.13	4360	29100	29100			
164	8.56	4360	29100	29100			
178	7.86	3820	31800	31800			
210	6.66	3820	31800	31800			
241	5.82	3660	32500	32500			
285	4.92	3100	34600	34600			
12	116.48	3090	16000	16000		285	400
14	103.44	3090	16000	16000			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			

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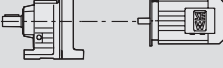
DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
56	25.03	3090	16000	16000	R 97 RF 97	DRS 180S4 DRS 180S4	285 400 300 401
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2560	23800	23800			
167	8.39	2560	23800	23800			
197	7.12	2560	23800	23800			
225	6.21	2560	23800	23800			
269	5.20	2560	23800	23800			
311	4.50*	2440	24400	24400			
15	93.38	1550	16900	16900	R 87 RF 87	DRS 180S4 DRS 180S4	245 397 255 398
17	81.92	1550	16900	16900			
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900	R 87 RF 87	DRS 180S4 DRS 180S4	245 397 250 398
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
270	5.19	910	30000	30000	RX 107 RXF 107	DRS 180S4 DRS 180S4	285 383 300 384
301	4.65	1010	30000	30000			
333	4.20*	1000	30000	30000			
367	3.81	1130	30000	30000			
414	3.38	1130	30000	30000			
456	3.07	1130	30000	30000			
530	2.64*	1120	30000	30000			
609	2.30	1110	30000	30000			
718	1.95	1090	30000	30000			
819	1.71	1050	30000	30000			
972	1.44	900	30000	30000	RX 97 RXF 97	DRS 180S4 DRS 180S4	250 381 260 382
310	4.52	800	20000	20000			
347	4.04	800	20000	20000			
385	3.64*	800	20000	20000			
424	3.30	800	20000	20000			
479	2.92	800	20000	20000			
530	2.64	800	20000	20000			
625	2.24*	800	20000	20000			
714	1.96	800	20000	20000			
854	1.64	755	20000	20000			
986	1.42	680	20000	20000	RX 87 RXF 87	DRS 180S4 DRS 180S4	225 379 230 380
402	3.48	540	12400	12400			
453	3.09	540	12400	12400			
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300			
651	2.15	540	12300	12300			
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			

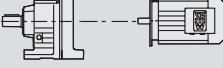
DRS180M4BF30 / DRS180M4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
7.5	186.93*	21800	120000	120000	R 167 DRS 180M4 RF 167 DRS 180M4	820 408 820 409	
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	21800	120000	120000			
21	67.40	21800	120000	120000			
24	58.65	21800	120000	120000			
27	51.76	21800	120000	120000			
31	44.87	21800	120000	120000			
35	39.92	21800	120000	120000	R 167 DRS 180M4 RF 167 DRS 180M4	810 408 820 409	
41	34.41	21600	120000	120000			
50	27.96	17600	120000	120000			
59	23.71	14900	120000	120000			
37	37.74	11700	120000	120000			
46	30.71	13500	120000	120000			
57	24.57	15400	120000	120000			
64	21.85	13700	120000	120000			
74	19.03	11900	120000	120000	R 147 DRS 180M4 RF 147 DRS 180M4	570 406 580 407	
82	16.98	10600	120000	120000			
97	14.48	9110	120000	120000			
117	11.99	7550	120000	120000			
137	10.24	6440	120000	120000			
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700	R 147 DRS 180M4 RF 147 DRS 180M4	560 406 570 407	
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	13000	62700	62700			
58	24.19	13000	62700	62700			
68	20.44	12800	63100	63100	R 147 DRS 180M4 RF 147 DRS 180M4	560 406 570 407	
78	18.04	11300	65800	65800			
90	15.64	9850	68000	68000			
101	13.91	8760	69400	69400			
117	11.99	7550	70800	70800			
144	9.74	6130	72100	72100			
169	8.26	5200	72800	72800			
193	7.25	4560	73200	73200			
238	5.89	3710	73700	73700			
280	5.00	3140	73900	73900			
9.9	141.12*	8160	53000	53000	R 137 DRS 180M4 RF 137 DRS 180M4	445 404 470 405	
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			

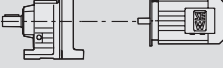
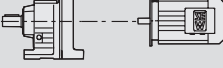
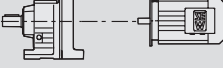
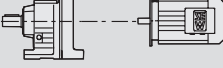
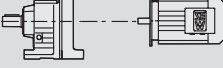
DRS180M4BF30 / DRS180M4BT30/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
47	29.57*	7830	53700	53700	R 137 DRS 180M4 RF 137 DRS 180M4	435	404
58	24.12	8160	53000	53000		460	405
64	22.00*	8160	53000	53000			
74	19.04*	8160	53000	53000			
83	16.80*	8160	53000	53000			
96	14.51	8160	53000	53000			
109	12.83	8080	53200	53200			
130	10.79	6790	55700	55700			
161	8.71	5480	57800	57800			
184	7.59	4780	58700	58700			
219	6.38	4010	59500	59500			
272	5.15	3240	60200	60200			
11	127.68	4360	29100	29100	R 107 DRS 180M4 RF 107 DRS 180M4	360	402
12	115.63	4360	29100	29100		365	403
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
56	24.90*	4360	29100	29100	R 107 DRS 180M4 RF 107 DRS 180M4	355	402
62	22.62	4360	29100	29100		360	403
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4360	29100	29100			
138	10.13	4360	29100	29100			
164	8.56	4360	29100	29100			
178	7.86	3820	31800	31800			
210	6.66	3820	31800	31800			
241	5.82	3660	32500	32500			
285	4.92	3100	34600	34600			
15	92.48	3090	16000	16000	R 97 DRS 180M4 RF 97 DRS 180M4	305	400
17	83.15	3090	16000	16000		320	401
19	72.17	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
70	20.14	3090	16000	16000	R 97 DRS 180M4 RF 97 DRS 180M4	300	400
77	18.24	3090	16000	16000		320	401
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2560	23800	23800			
167	8.39	2560	23800	23800			
197	7.12	2560	23800	23800			
225	6.21	2560	23800	23800			
269	5.20	2560	23800	23800			
311	4.50*	2440	24400	24400			
38	36.84*	1550	16900	16900	R 87 DRS 180M4 RF 87 DRS 180M4	260	397
43	32.66*	1550	16900	16900		270	398
50	27.88	1550	16900	16900			

DRS180M4BF30 / DRS180M4BT30/U

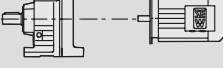
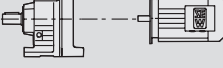
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
82	17.08*	1550	16900	16900		260	397
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
333	4.20*	1000	30000	30000		300	383
367	3.81	1130	30000	30000			
414	3.38	1130	30000	30000			
456	3.07	1130	30000	30000			
530	2.64*	1120	30000	30000			
609	2.30	1110	30000	30000			
718	1.95	1090	30000	30000			
819	1.71	1050	30000	30000			
972	1.44	900	30000	30000			
385	3.64*	800	20000	20000		265	381
424	3.30	800	20000	20000			
479	2.92	800	20000	20000			
530	2.64	800	20000	20000			
625	2.24*	800	20000	20000			
714	1.96	800	20000	20000			
854	1.64	755	20000	20000			
986	1.42	680	20000	20000			
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300			
651	2.15	540	12300	12300		240	379
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			

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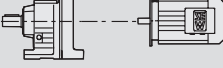
DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
7.5	186.93*	21800	120000	120000		830	408
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	21800	120000	120000			
21	67.40	21800	120000	120000			
24	58.65	21800	120000	120000			
27	51.76	21800	120000	120000			
31	44.87	21800	120000	120000			
35	39.92	21800	120000	120000			
41	34.41	21600	120000	120000			
50	27.96	17600	120000	120000			
59	23.71	14900	120000	120000			
37	37.74	11700	120000	120000		820	408
46	30.71	13500	120000	120000			
57	24.57	15400	120000	120000			
64	21.85	13700	120000	120000			
74	19.03	11900	120000	120000			
82	16.98	10600	120000	120000			
97	14.48	9110	120000	120000			
117	11.99	7550	120000	120000			
137	10.24	6440	120000	120000			

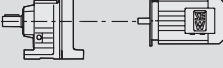
DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
9.5	146.91	13000	62700	62700	R 147 DRS 180L4 RF 147 DRS 180L4	580	406
12	119.86	13000	62700	62700		590	407
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	13000	62700	62700			
58	24.19	13000	62700	62700			
68	20.44	12800	63100	63100	R 147 DRS 180L4 RF 147 DRS 180L4	570	406
78	18.04	11300	65800	65800		580	407
90	15.64	9850	68000	68000			
101	13.91	8760	69400	69400			
117	11.99	7550	70800	70800			
144	9.74	6130	72100	72100			
169	8.26	5200	72800	72800			
193	7.25	4560	73200	73200			
238	5.89	3710	73700	73700			
280	5.00	3140	73900	73900			
9.9	141.12*	8160	53000	53000	R 137 DRS 180L4 RF 137 DRS 180L4	455	404
11	128.18	8160	53000	53000		480	405
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			
47	29.57*	7830	53700	53700	R 137 DRS 180L4 RF 137 DRS 180L4	445	404
58	24.12	8160	53000	53000		470	405
64	22.00*	8160	53000	53000			
74	19.04*	8160	53000	53000			
83	16.80*	8160	53000	53000			
96	14.51	8160	53000	53000			
109	12.83	8080	53200	53200			
130	10.79	6790	55700	55700			
161	8.71	5480	57800	57800			
184	7.59	4780	58700	58700			
219	6.38	4010	59500	59500			
272	5.15	3240	60200	60200			
11	127.68	4360	29100	29100	R 107 DRS 180L4 RF 107 DRS 180L4	370	402
12	115.63	4360	29100	29100		380	403
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			

DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
56	24.90*	4360	29100	29100	R 107 DRS 180L4 RF 107 DRS 180L4	365	402
62	22.62	4360	29100	29100		370	403
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4360	29100	29100			
138	10.13	4360	29100	29100			
164	8.56	4360	29100	29100			
178	7.86	3820	31800	31800			
210	6.66	3820	31800	31800			
241	5.82	3660	32500	32500			
285	4.92	3100	34600	34600			
15	92.48	3090	16000	16000	R 97 DRS 180L4 RF 97 DRS 180L4	315	400
17	83.15	3090	16000	16000		330	401
19	72.17	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
70	20.14	3090	16000	16000	R 97 DRS 180L4 RF 97 DRS 180L4	310	400
77	18.24	3090	16000	16000		330	401
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2560	23800	23800			
167	8.39	2560	23800	23800			
197	7.12	2560	23800	23800			
225	6.21	2560	23800	23800			
269	5.20	2560	23800	23800			
311	4.50*	2440	24400	24400			
38	36.84*	1550	16900	16900	R 87 DRS 180L4 RF 87 DRS 180L4	275	397
43	32.66*	1550	16900	16900		280	398
50	27.88	1550	16900	16900			
82	17.08*	1550	16900	16900	R 87 DRS 180L4 RF 87 DRS 180L4	270	397
91	15.35	1550	16900	16900		280	398
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
333	4.20*	1000	30000	30000	RX 107 DRS 180L4 RXF 107 DRS 180L4	310	383
367	3.81	1130	30000	30000		330	384
414	3.38	1130	30000	30000			
456	3.07	1130	30000	30000			
530	2.64*	1120	30000	30000			
609	2.30	1110	30000	30000			
718	1.95	1090	30000	30000			
819	1.71	1050	30000	30000			
972	1.44	900	30000	30000			
385	3.64*	800	20000	20000	RX 97 DRS 180L4 RXF 97 DRS 180L4	280	381
424	3.30	800	20000	20000		285	382
479	2.92	800	20000	20000			
530	2.64	800	20000	20000			
625	2.24*	800	20000	20000			
714	1.96	800	20000	20000			
854	1.64	755	20000	20000			
986	1.42	680	20000	20000			

DRS180L4BF30 / DRS180L4BT30/U**n_e=1400 rpm**

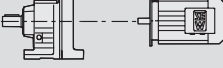
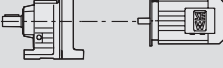
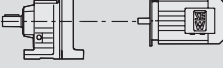
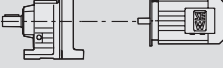
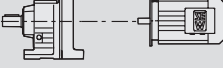
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N		m kg	
			R	RF		
507	2.76*	535	12400	12400		RX 87 DRS 180L4 255 379 RXF 87 DRS 180L4 260 380
565	2.48	540	12300	12300		
651	2.15	540	12300	12300		
725	1.93	530	12300	12300		
875	1.60*	470	12500	12500		
1005	1.39	435	12700	12700		

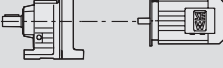
DRS180LC4BF30 / DRS180LC4BT30/U**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N		m kg	
			R	RF		
7.5	186.93*	21800	120000	120000		R 167 DRS 180LC4 840 408 RF 167 DRS 180LC4 850 409
9.2	153.07	21800	120000	120000		
10	139.98	21800	120000	120000		
11	121.81*	21800	120000	120000		
13	107.49	21800	120000	120000		
15	93.19	21800	120000	120000		
17	82.91*	21800	120000	120000		
19	73.70*	21800	120000	120000		
21	67.40	21800	120000	120000		
24	58.65	21800	120000	120000		
27	51.76	21800	120000	120000		
31	44.87	21800	120000	120000		
35	39.92	21800	120000	120000		
41	34.41	21800	120000	120000		
50	27.96	21300	120000	120000		
59	23.71	18000	120000	120000		
37	37.74	11700	120000	120000		R 167 DRS 180LC4 830 408 RF 167 DRS 180LC4 840 409
46	30.71	13500	120000	120000		
57	24.57	16000	120000	120000		
64	21.85	15500	120000	120000		
74	19.03	14500	120000	120000		
82	16.98	12900	120000	120000		
97	14.48	11000	120000	120000		
117	11.99	9150	120000	120000		
137	10.24	7810	120000	120000		
9.5	146.91	13000	62700	62700		R 147 DRS 180LC4 600 406 RF 147 DRS 180LC4 600 407
12	119.86	13000	62700	62700		
13	109.31	13000	62700	62700		
15	94.60*	13000	62700	62700		
17	83.47	13000	62700	62700		
19	72.09	13000	62700	62700		
21	66.99	13000	62700	62700		
23	61.09	13000	62700	62700		
26	52.87	13000	62700	62700		
30	46.65	13000	62700	62700		
35	40.29	13000	62700	62700		
39	35.64	13000	62700	62700		
47	29.95	13000	62700	62700		
58	24.19	13000	62700	62700		
68	20.44	13000	62700	62700		R 147 DRS 180LC4 580 406 RF 147 DRS 180LC4 590 407
78	18.04	13000	62700	62700		
90	15.64	11900	64700	64700		
101	13.91	10600	66900	66900		
117	11.99	9140	68900	68900		
144	9.74	7430	70900	70900		
169	8.26	6300	72000	72000		
193	7.25	5530	72600	72600		
238	5.89	4490	73300	73300		
280	5.00	3810	73600	73600		

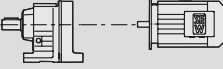
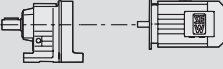
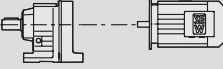
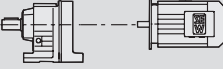
DRS180LC4BF30 / DRS180LC4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
9.9	141.12*	8160	53000	53000		465	404
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			
47	29.57*	7830	53700	53700		455	404
58	24.12	8160	53000	53000			
64	22.00*	8160	53000	53000			
74	19.04*	8160	53000	53000			
83	16.80*	8160	53000	53000			
96	14.51	8160	53000	53000			
109	12.83	8160	53000	53000			
130	10.79	8160	53000	53000			
161	8.71	6640	56000	56000			
184	7.59	5790	57300	57300			
219	6.38	4860	58600	58600			
272	5.15	3930	59600	59600			
11	127.68	4360	29100	29100		385	402
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4360	29100	29100			
138	10.13	4360	29100	29100			
164	8.56	4360	29100	29100			
178	7.86	3820	31800	31800			
210	6.66	3820	31800	31800			
241	5.82	3820	31800	31800			
285	4.92	3750	32100	32100			
15	92.48	3090	16000	16000		325	400
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			

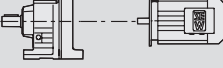
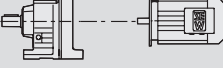
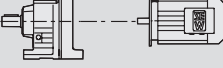
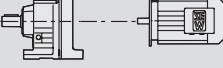
DRS180LC4BF30 / DRS180LC4BT30/U						$n_e=1400 \text{ rpm}$	
n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N			m kg	
			R	RF			
70	20.14	3090	16000	16000	R 97 RF 97	DRS 180LC4 DRS 180LC4	325 400 340 401
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2560	23800	23800			
167	8.39	2560	23800	23800			
197	7.12	2560	23800	23800			
225	6.21	2560	23800	23800			
269	5.20	2560	23800	23800	R 87 RF 87	DRS 180LC4 DRS 180LC4	285 397 290 398
311	4.50*	2440	24400	24400			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900	R 87 RF 87	DRS 180LC4 DRS 180LC4	285 397 290 398
50	27.88	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600	RX 107 RXF 107	DRS 180LC4 DRS 180LC4	320 383 340 384
264	5.30*	1270	18600	18600			
333	4.20*	1000	30000	30000			
367	3.81	1130	30000	30000			
414	3.38	1130	30000	30000			
456	3.07	1130	30000	30000			
530	2.64*	1120	30000	30000			
609	2.30	1110	30000	30000			
718	1.95	1090	30000	30000			
819	1.71	1050	30000	30000			
972	1.44	960	30000	30000	RX 97 RXF 97	DRS 180LC4 DRS 180LC4	290 381 300 382
385	3.64*	800	20000	20000			
424	3.30	800	20000	20000			
479	2.92	800	20000	20000			
530	2.64	800	20000	20000			
625	2.24*	800	20000	20000			
714	1.96	800	20000	20000			
854	1.64	755	20000	20000			
986	1.42	680	20000	20000	RX 87 RXF 87	DRS 180LC4 DRS 180LC4	265 379 270 380
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300			
651	2.15	540	12300	12300			
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			

10.1.2 Auswahltabellen F..DRS.. mit BF.. oder BT..

DRS112M4BF11 / DRS112M4BT11/U							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N							
			F	FF	FA	FAF			m kg	
8.2	170.83	13000	88500	84100	90000	90000				
9.1	153.67*	13000	88500	84100	90000	90000				
11	125.37	13000	88500	84100	90000	90000				
12	114.34	13000	88500	84100	90000	90000				
14	98.95	13000	88500	84100	90000	90000				
16	87.31*	11400	90000	89700	90000	90000		FA 127 DRS 112M4	445	436
19	75.41*	9910	90000	90000	90000	90000		FAF 127 DRS 112M4	530	435
20	70.07	9210	90000	90000	90000	90000		F 127 DRS 112M4	445	436
22	63.91	8400	90000	90000	90000	90000		FF 127 DRS 112M4	485	435
25	55.31	7270	90000	90000	90000	90000				
29	48.80	6410	90000	90000	90000	90000				
33	42.15	5540	90000	90000	90000	90000				
38	37.28	4900	90000	90000	90000	90000				
52	26.86	3530	90000	90000	90000	90000				
57	24.57	3230	90000	90000	90000	90000				
65	21.38	2810	90000	90000	90000	90000		FA 127 DRS 112M4	435	436
74	18.87	2480	90000	90000	90000	90000		FAF 127 DRS 112M4	520	435
86	16.36	2150	90000	90000	90000	90000		F 127 DRS 112M4	435	436
96	14.55	1910	90000	90000	90000	90000		FF 127 DRS 112M4	475	435
158	8.86	1160	90000	90000	90000	90000				
178	7.88	1030	90000	90000	90000	90000				
5.5	254.40*	8860	46500	45600	65000	65000				
6.5	215.37	8860	46500	45600	65000	65000				
7.0	199.31	8860	46500	45600	65000	65000				
7.8	178.64	8860	46500	45600	65000	65000				
8.7	161.28*	8860	46500	45600	65000	65000				
9.6	146.49	8860	46500	45600	65000	65000				
11	129.97	8860	46500	45600	65000	65000				
12	117.94	8860	46500	45600	65000	65000		FA 107 DRS 112M4	295	432
14	101.38*	8860	46500	45600	65000	65000		FAF 107 DRS 112M4	340	431
15	92.47*	8860	46500	45600	65000	65000		F 107 DRS 112M4	295	432
16	88.49	8860	46500	45600	65000	65000		FF 107 DRS 112M4	315	431
17	83.99	8860	46500	45600	65000	65000				
19	74.52	8860	46500	45600	65000	65000				
21	67.62	8860	46500	45600	65000	65000				
24	58.12*	7640	49900	51200	65000	65000				
28	50.73	6660	52400	55500	65000	65000				
33	43.03	5650	54800	59700	65000	65000				
37	37.61	4940	56400	62600	65000	65000				
41	33.79*	4440	57500	64500	65000	65000				
51	27.57	3620	59200	65000	65000	65000				
56	25.14	3300	59800	65000	65000	65000				
64	21.76*	2860	60600	65000	65000	65000		FA 107 DRS 112M4	285	432
73	19.20*	2520	61300	65000	65000	65000		FAF 107 DRS 112M4	330	431
84	16.58	2180	61900	65000	65000	65000		F 107 DRS 112M4	285	432
95	14.67	1920	62300	65000	65000	65000		FF 107 DRS 112M4	305	431
144	9.69	1270	63200	65000	65000	65000				
167	8.37	1100	63500	65000	65000	65000				
189	7.40	970	63700	65000	65000	65000				

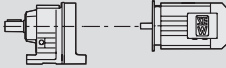
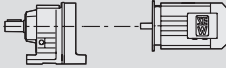
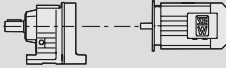
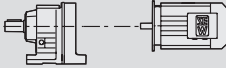
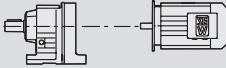
DRS112M4BF11 / DRS112M4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
5.1	276.77	4360	29700	28200	40000	40000		220	428
5.5	253.41	4360	29700	28200	40000	40000			
6.2	223.88	4360	29700	28200	40000	40000			
7.4	189.92	4360	29700	28200	40000	40000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
14	97.58	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4270	30000	28300	40000	40000			
32	43.28	4360	29700	28200	40000	40000		215	428
38	36.64	4190	30200	28500	40000	40000			
41	33.91	4050	30600	28700	40000	40000			
46	30.39	3850	31200	29100	40000	40000			
51	27.44*	3580	31900	29500	40000	40000			
56	24.92	3270	32700	29900	40000	40000			
63	22.11	2900	33500	30400	40000	40000			
70	20.07	2630	34100	30700	40000	40000			
81	17.25*	2260	34900	31100	40000	40000			
93	15.06	1970	35400	31400	40000	40000			
110	12.77	1670	36000	31600	40000	40000			
125	11.16	1460	36300	31700	40000	40000			
155	9.06	1190	36600	31900	40000	40000			
170	8.22	1080	36800	31900	40000	40000			
198	7.07	920	37000	32000	40000	40000			
227	6.17	810	37200	32000	40000	40000			
268	5.23	685	37400	32100	40000	40000			
306	4.57	600	37500	32100	40000	40000			
7.1	197.20	3090	16000	16000	30000	30000		155	424
7.8	179.97	3090	16000	16000	30000	30000			
8.8	159.61	3090	16000	16000	30000	30000			
10	134.16	3090	16000	16000	30000	30000			
11	123.29	3090	16000	16000	30000	30000			
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			

DRS112M4BF11 / DRS112M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
41	33.92	3090	16000	16000	30000	30000		155	424
49	28.78	3090	16000	16000	30000	30000			
53	26.50	3030	18600	18600	30000	30000			
59	23.68	2880	23400	21600	30000	30000			
66	21.32*	2740	23900	21900	30000	30000			
72	19.31	2530	24700	22400	30000	30000			
82	17.12	2250	25700	22900	30000	30000			
90	15.48	2030	26300	23300	30000	30000			
107	13.12*	1720	27200	23800	30000	30000			
122	11.46	1500	27800	24000	30000	30000			
146	9.58	1260	28400	24300	30000	30000			
169	8.29	1090	28600	24500	30000	30000			
190	7.35	960	28900	24600	30000	30000			
211	6.65	870	29100	24700	30000	30000			
249	5.63	740	29400	24700	30000	30000			
285	4.92	645	29600	24800	30000	30000			
340	4.12	540	29800	24900	30000	30000			
9.8	142.27	1530	15500	17000	20000	20000		120	420
11	130.42	1530	15500	17000	20000	20000			
12	114.45	1530	15500	17000	20000	20000			
13	108.46*	1530	15500	17000	20000	20000			
15	94.93	1530	15500	17000	20000	20000			
16	85.52	1530	15500	17000	20000	20000			
19	75.02	1530	15500	17000	20000	20000			
19	72.50	1530	15500	17000	20000	20000			
21	66.46	1530	15500	17000	20000	20000			
24	58.32	1530	15500	17000	20000	20000			
25	55.27	1530	15500	17000	20000	20000			
29	48.37	1530	15500	17000	20000	20000			
32	43.58	1530	15500	17000	20000	20000			
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
44	31.51	1530	15500	17000	20000	20000		115	420
49	28.75	1530	15500	17000	20000	20000			
55	25.50*	1530	15500	17000	20000	20000			
65	21.43	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000			
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1430	16200	17300	20000	20000			
151	9.30	1070	18000	18200	20000	20000			
169	8.26	1010	18300	18300	20000	20000			
189	7.39	950	18500	18500	20000	20000			
211	6.64	870	18800	18700	20000	20000			
243	5.76	755	19100	19000	20000	20000			
271	5.16	675	19300	19200	20000	20000			
327	4.28	560	19600	19400	20000	20000			
12	120.79	920	9310	9310	13000	13000		95	416
13	109.04	920	9310	9310	13000	13000			
15	95.94	920	9310	9310	13000	13000			
15	90.59	920	9310	9310	13000	13000			
21	67.65	920	9310	9310	13000	13000			
23	61.07	920	9310	9310	13000	13000			
26	53.73	920	9310	9310	13000	13000			
28	50.74	920	9310	9310	13000	13000			
32	43.20	920	9310	9310	13000	13000			
36	39.26	920	9310	9310	13000	13000			
41	34.01	920	9310	9310	13000	13000			
12	120.79	920	9310	9310	13000	13000			
13	109.04	920	9310	9310	13000	13000			
15	95.94	920	9310	9310	13000	13000			
15	90.59	920	9310	9310	13000	13000			
21	67.65	920	9310	9310	13000	13000			
23	61.07	920	9310	9310	13000	13000			
26	53.73	920	9310	9310	13000	13000			
28	50.74	920	9310	9310	13000	13000			
32	43.20	920	9310	9310	13000	13000			
36	39.26	920	9310	9310	13000	13000			
41	34.01	920	9310	9310	13000	13000			

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 F 87 DRS 112M4 155 424
 FF 87 DRS 112M4 165 423

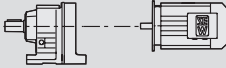
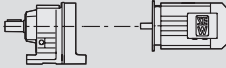
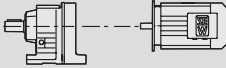
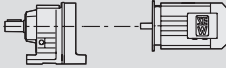
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 F 77 DRS 112M4 120 420
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FA 77 DRS 112M4 115 420
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 F 77 DRS 112M4 115 420
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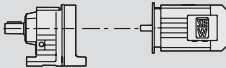
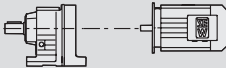
DRS112M4BF11 / DRS112M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
51	27.41	920	9310	9310	13000	13000		94	416
56	25.13	920	9310	9310	13000	13000			
63	22.05	920	9310	9310	13000	13000			
67	20.90*	920	9310	9310	13000	13000			
77	18.29	920	9310	9310	13000	13000			
85	16.48	920	9310	9310	13000	13000			
97	14.46	920	9310	9310	13000	13000			
110	12.76	920	9310	9310	13000	13000			
124	11.31	920	9310	9310	13000	13000			
145	9.66	920	9310	9310	13000	13000			
154	9.08	610	11800	11800	13000	13000			
163	8.60	640	11700	11700	13000	13000			
186	7.53	715	11200	11200	13000	13000			
206	6.78	690	11300	11300	13000	13000			
235	5.95	645	11600	11600	13000	13000			
267	5.25	605	11900	11900	13000	13000			
300	4.66	565	12100	12100	13000	13000			
353	3.97	510	12400	12400	13000	13000			
15	93.47	645	6930	6930	11500	11500		91	412
17	83.46	645	6930	6930	11500	11500			
28	50.10	645	6930	6930	11500	11500			
31	44.73	645	6930	6930	11500	11500			
37	38.21	645	6930	6930	11500	11500			
39	35.79	645	6930	6930	11500	11500			
46	30.15	645	6930	6930	11500	11500			
66	21.17	645	6930	6930	11500	11500		90	412
73	19.11	645	6930	6930	11500	11500			
83	16.81	645	6930	6930	11500	11500			
88	15.88	645	6930	6930	11500	11500			
104	13.52	645	6930	6930	11500	11500			
114	12.29	645	6930	6930	11500	11500			
132	10.64	645	6930	6930	11500	11500			
150	9.31	435	10200	8720	11500	11500			
171	8.19	485	9840	8440	11500	11500			
181	7.73	480	9880	8460	11500	11500			
213	6.58	480	9880	8460	11500	11500			
234	5.98	475	9910	8490	11500	11500			
270	5.18	475	9910	8490	11500	11500			

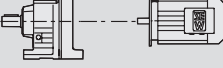
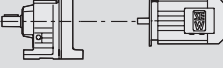
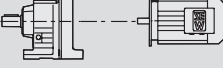
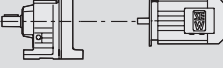
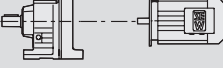
DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
8.2	170.83	13000	88500	84100	90000	90000		450	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12000	90000	87700	90000	90000			
29	48.80	10600	90000	90000	90000	90000			
33	42.15	9210	90000	90000	90000	90000			
38	37.28	8150	90000	90000	90000	90000			
45	31.33	6850	90000	90000	90000	90000			

DRS132S4BF11 / DRS132S4BT11/U

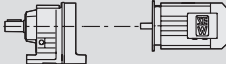
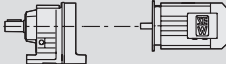
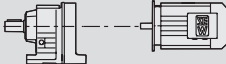
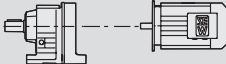
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
52	26.86	5870	90000	90000	90000	90000			
57	24.57	5370	90000	90000	90000	90000			
65	21.38	4670	90000	90000	90000	90000			
74	18.87	4120	90000	90000	90000	90000			
86	16.36	3570	90000	90000	90000	90000			
96	14.55	3180	90000	90000	90000	90000			
112	12.54	2740	90000	90000	90000	90000			
158	8.86	1930	90000	90000	90000	90000			
178	7.88	1720	90000	90000	90000	90000			
206	6.80	1480	90000	90000	90000	90000			
5.5	254.40*	8860	46500	45600	65000	65000			
6.5	215.37	8860	46500	45600	65000	65000			
7.0	199.31	8860	46500	45600	65000	65000			
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8220	48400	48600	65000	65000			
44	31.80	6950	51700	54300	65000	65000			
41	33.79*	6120	53700	57800	65000	65000			
51	27.57	5730	54700	59400	65000	65000			
56	25.14	5490	55200	60400	65000	65000			
64	21.76*	4750	56900	63300	65000	65000			
73	19.20*	4190	58000	65000	65000	65000			
84	16.58	3620	59200	65000	65000	65000			
95	14.67	3200	60000	65000	65000	65000			
114	12.33	2690	61000	65000	65000	65000			
144	9.69	2110	61700	65000	65000	65000			
167	8.37	1830	62200	65000	65000	65000			
189	7.40	1610	62600	65000	65000	65000			
225	6.22	1360	63100	65000	65000	65000			
6.2	223.88	4360	29700	28200	40000	40000			
7.4	189.92	4360	29700	28200	40000	40000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
14	97.58	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
6.2	223.88	4360	29700	28200	40000	40000			
7.4	189.92	4360	29700	28200	40000	40000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
14	97.58	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			

10

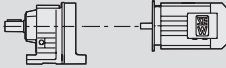
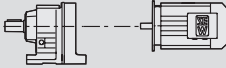
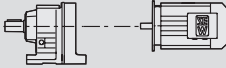
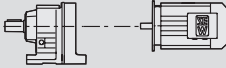
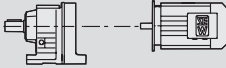
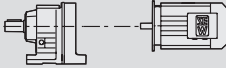
DRS132S4BF11 / DRS132S4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
32	43.28	4360	29700	28200	40000	40000		220	428
38	36.64	4190	30200	28500	40000	40000			
41	33.91	4360	29700	28200	40000	40000			
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	3770	31400	29200	40000	40000			
93	15.06	3290	32600	29900	40000	40000			
110	12.77	2790	33800	30600	40000	40000			
125	11.16	2440	34500	30900	40000	40000			
155	9.06	1870	35400	31400	40000	40000			
170	8.22	1790	35500	31500	40000	40000			
198	7.07	1540	36000	31700	40000	40000			
227	6.17	1340	36300	31800	40000	40000			
268	5.23	1140	36700	31900	40000	40000			
306	4.57	1000	36900	32000	40000	40000			
362	3.87	840	37100	32000	40000	40000			
8.8	159.61	3090	16000	16000	30000	30000		160	424
10	134.16	3090	16000	16000	30000	30000			
11	123.29	3090	16000	16000	30000	30000			
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
41	33.92	3090	16000	16000	30000	30000			
49	28.78	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000			
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	2860	23500	21700	30000	30000			
122	11.46	2500	24800	22400	30000	30000			
146	9.58	2090	26200	23200	30000	30000			
169	8.29	1570	27400	23900	30000	30000			
190	7.35	1510	27600	24000	30000	30000			
211	6.65	1450	27800	24100	30000	30000			
249	5.63	1230	28300	24300	30000	30000			
285	4.92	1070	28700	24500	30000	30000			
340	4.12	900	29100	24600	30000	30000			
12	114.45	1530	15500	17000	20000	20000		120	420
13	108.46*	1530	15500	17000	20000	20000			
15	94.93	1530	15500	17000	20000	20000			
16	85.52	1530	15500	17000	20000	20000			
19	75.02	1530	15500	17000	20000	20000			
24	58.32	1530	15500	17000	20000	20000			
25	55.27	1530	15500	17000	20000	20000			
29	48.37	1530	15500	17000	20000	20000			
32	43.58	1530	15500	17000	20000	20000			
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
77	19.91	1530	15500	17000	20000	20000			
87	17.25*	1530	15500	17000	20000	20000			
97	15.06	1530	15500	17000	20000	20000			

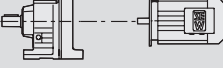
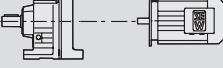
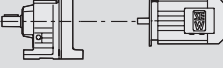
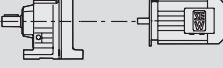
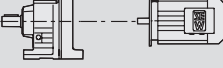
DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
55	25.50*	1530	15500	17000	20000	20000		120	420
65	21.43	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000			
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1530	15500	17000	20000	20000			
151	9.30	1330	16800	17400	20000	20000			
169	8.26	1330	16800	17400	20000	20000			
189	7.39	1320	16800	17400	20000	20000			
211	6.64	1270	17100	17600	20000	20000			
243	5.76	1190	17500	17800	20000	20000			
271	5.16	1120	17800	18000	20000	20000			
327	4.28	930	18600	18600	20000	20000			
15	95.94	920	9310	9310	13000	13000		99	416
15	90.59	920	9310	9310	13000	13000			
26	53.73	920	9310	9310	13000	13000			
28	50.74	920	9310	9310	13000	13000			
32	43.20	920	9310	9310	13000	13000			
36	39.26	920	9310	9310	13000	13000			
41	34.01	920	9310	9310	13000	13000			
63	22.05	920	9310	9310	13000	13000		97	416
67	20.90*	920	9310	9310	13000	13000			
77	18.29	920	9310	9310	13000	13000			
85	16.48	920	9310	9310	13000	13000			
97	14.46	920	9310	9310	13000	13000			
110	12.76	920	9310	9310	13000	13000			
124	11.31	920	9310	9310	13000	13000			
145	9.66	920	9310	9310	13000	13000			
154	9.08	610	11800	11800	13000	13000			
163	8.60	640	11700	11700	13000	13000			
186	7.53	715	11200	11200	13000	13000			
206	6.78	710	11200	11200	13000	13000			
235	5.95	705	11200	11200	13000	13000			
267	5.25	705	11200	11200	13000	13000			
300	4.66	700	11300	11300	13000	13000			
353	3.97	695	11300	11300	13000	13000			
37	38.21	645	6930	6930	11500	11500		100	411
39	35.79	645	6930	6930	11500	11500			
46	30.15	645	6930	6930	11500	11500			
83	16.81	645	6930	6930	11500	11500			
88	15.88	645	6930	6930	11500	11500		94	412
104	13.52	645	6930	6930	11500	11500			
114	12.29	645	6930	6930	11500	11500			
132	10.64	645	6930	6930	11500	11500			
171	8.19	480	9880	8460	11500	11500			
181	7.73	480	9880	8460	11500	11500			
213	6.58	480	9880	8460	11500	11500			
234	5.98	475	9910	8490	11500	11500			
270	5.18	475	9910	8490	11500	11500			

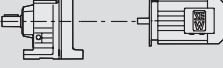
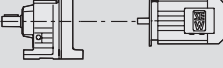
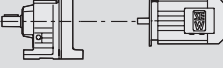
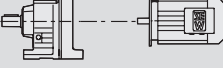
DRS132M4BF11 / DRS132M4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
8.2	170.83	13000	88500	84100	90000	90000		465	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12000	90000	87700	90000	90000			
29	48.80	10600	90000	90000	90000	90000			
33	42.15	9210	90000	90000	90000	90000			
38	37.28	8150	90000	90000	90000	90000			
45	31.33	6850	90000	90000	90000	90000			
52	26.86	5870	90000	90000	90000	90000		450	436
57	24.57	5370	90000	90000	90000	90000			
65	21.38	4670	90000	90000	90000	90000			
74	18.87	4120	90000	90000	90000	90000			
86	16.36	3570	90000	90000	90000	90000			
96	14.55	3180	90000	90000	90000	90000			
112	12.54	2740	90000	90000	90000	90000			
158	8.86	1930	90000	90000	90000	90000			
178	7.88	1720	90000	90000	90000	90000			
206	6.80	1480	90000	90000	90000	90000			
5.5	254.40*	8860	46500	45600	65000	65000		315	432
6.5	215.37	8860	46500	45600	65000	65000			
7.0	199.31	8860	46500	45600	65000	65000			
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8220	48400	48600	65000	65000			
44	31.80	6950	51700	54300	65000	65000			
41	33.79*	6120	53700	57800	65000	65000		305	432
51	27.57	5730	54700	59400	65000	65000			
56	25.14	5490	55200	60400	65000	65000			
64	21.76*	4750	56900	63300	65000	65000			
73	19.20*	4190	58000	65000	65000	65000			
84	16.58	3620	59200	65000	65000	65000			
95	14.67	3200	60000	65000	65000	65000			
114	12.33	2690	61000	65000	65000	65000			
144	9.69	2110	61700	65000	65000	65000			
167	8.37	1830	62200	65000	65000	65000			
189	7.40	1610	62600	65000	65000	65000			
225	6.22	1360	63100	65000	65000	65000			

DRS132M4BF11 / DRS132M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
6.2	223.88	4360	29700	28200	40000	40000		240	428
7.4	189.92	4360	29700	28200	40000	40000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
14	97.58	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
32	43.28	4360	29700	28200	40000	40000		230	428
38	36.64	4160	30300	28500	40000	40000			
41	33.91	4360	29700	28200	40000	40000			
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	3770	31400	29200	40000	40000			
93	15.06	3290	32600	29900	40000	40000			
110	12.77	2790	33800	30600	40000	40000			
125	11.16	2440	34500	30900	40000	40000			
155	9.06	1870	35400	31400	40000	40000			
170	8.22	1790	35500	31500	40000	40000			
198	7.07	1540	36000	31700	40000	40000			
227	6.17	1340	36300	31800	40000	40000			
268	5.23	1140	36700	31900	40000	40000			
306	4.57	1000	36900	32000	40000	40000			
362	3.87	840	37100	32000	40000	40000			
8.8	159.61	3090	16000	16000	30000	30000		175	424
10	134.16	3090	16000	16000	30000	30000			
11	123.29	3090	16000	16000	30000	30000			
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
8.8	159.61	3090	16000	16000	30000	30000			
10	134.16	3090	16000	16000	30000	30000			
11	123.29	3090	16000	16000	30000	30000			
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			

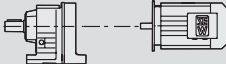
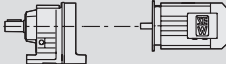
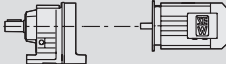
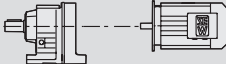
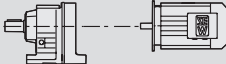
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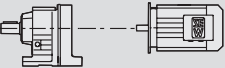
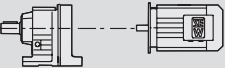
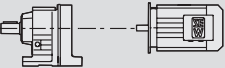
DRS132M4BF11 / DRS132M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
41	33.92	3090	16000	16000	30000	30000		170	424
49	28.78	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000			
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	2860	23500	21700	30000	30000			
122	11.46	2500	24800	22400	30000	30000			
146	9.58	2090	26200	23200	30000	30000			
169	8.29	1570	27400	23900	30000	30000			
190	7.35	1510	27600	24000	30000	30000			
211	6.65	1450	27800	24100	30000	30000			
249	5.63	1230	28300	24300	30000	30000			
285	4.92	1070	28700	24500	30000	30000			
340	4.12	900	29100	24600	30000	30000			
12	114.45	1530	15500	17000	20000	20000		135	420
13	108.46*	1530	15500	17000	20000	20000			
15	94.93	1530	15500	17000	20000	20000			
16	85.52	1530	15500	17000	20000	20000			
19	75.02	1530	15500	17000	20000	20000			
24	58.32	1530	15500	17000	20000	20000			
25	55.27	1530	15500	17000	20000	20000			
29	48.37	1530	15500	17000	20000	20000			
32	43.58	1530	15500	17000	20000	20000			
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
55	25.50*	1530	15500	17000	20000	20000		135	420
65	21.43	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000			
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1530	15500	17000	20000	20000			
151	9.30	1330	16800	17400	20000	20000			
169	8.26	1330	16800	17400	20000	20000			
189	7.39	1320	16800	17400	20000	20000			
211	6.64	1270	17100	17600	20000	20000			
243	5.76	1190	17500	17800	20000	20000			
271	5.16	1120	17800	18000	20000	20000			
327	4.28	930	18600	18600	20000	20000			
15	95.94	920	9310	9310	13000	13000		110	416
15	90.59	920	9310	9310	13000	13000			
26	53.73	920	9310	9310	13000	13000			
28	50.74	920	9310	9310	13000	13000			
32	43.20	920	9310	9310	13000	13000			
36	39.26	920	9310	9310	13000	13000			
41	34.01	920	9310	9310	13000	13000			

DRS132M4BF11 / DRS132M4BT11/U

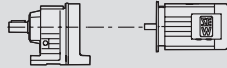
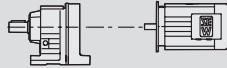
 $n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF¹⁾} N					m kg		
			F	FF	FA	FAF				
63	22.05	920	9310	9310	13000	13000		110	416	
67	20.90*	920	9310	9310	13000	13000				
77	18.29	920	9310	9310	13000	13000				
85	16.48	920	9310	9310	13000	13000				
97	14.46	920	9310	9310	13000	13000				
110	12.76	920	9310	9310	13000	13000				
124	11.31	920	9310	9310	13000	13000				
145	9.66	920	9310	9310	13000	13000				
154	9.08	610	11800	11800	13000	13000				
163	8.60	640	11700	11700	13000	13000				
186	7.53	715	11200	11200	13000	13000				
206	6.78	710	11200	11200	13000	13000				
235	5.95	705	11200	11200	13000	13000				
267	5.25	705	11200	11200	13000	13000				
300	4.66	700	11300	11300	13000	13000				
353	3.97	695	11300	11300	13000	13000				
37	38.21	645	6930	6930	11500	11500				FA 57
39	35.79	645	6930	6930	11500	11500	FAF 57	DRS 132M4	115	411
46	30.15	645	6930	6930	11500	11500	F 57	DRS 132M4	110	412
							FF 57	DRS 132M4	115	411
83	16.81	645	6930	6930	11500	11500		105	412	
88	15.88	645	6930	6930	11500	11500				
104	13.52	645	6930	6930	11500	11500				
114	12.29	645	6930	6930	11500	11500				
132	10.64	645	6930	6930	11500	11500				
171	8.19	480	9880	8460	11500	11500				
181	7.73	480	9880	8460	11500	11500				
213	6.58	480	9880	8460	11500	11500				
234	5.98	475	9910	8490	11500	11500				
270	5.18	475	9910	8490	11500	11500				

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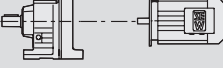
DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
8.2	170.83	13000	88500	84100	90000	90000		465	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12200	90000	87000	90000	90000			
38	37.28	11500	90000	89400	90000	90000			
45	31.33	10600	90000	90000	90000	90000			
55	25.30	9240	90000	90000	90000	90000			
52	26.86	6030	90000	90000	90000	90000			
57	24.57	5870	90000	90000	90000	90000			
65	21.38	5590	90000	90000	90000	90000			
74	18.87	5340	90000	90000	90000	90000			
86	16.36	5030	90000	90000	90000	90000			
96	14.55	4780	90000	90000	90000	90000			
112	12.54	4480	90000	90000	90000	90000			
137	10.19	3720	90000	90000	90000	90000			
158	8.86	2720	90000	90000	90000	90000			
178	7.88	2590	90000	90000	90000	90000			
206	6.80	2430	90000	90000	90000	90000			
254	5.52	2010	90000	90000	90000	90000			

DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
7.0	199.31	8860	46500	45600	65000	65000			
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	6210	53500	57400	65000	65000			
51	27.57	5730	54700	59400	65000	65000			
56	25.14	5560	55000	60100	65000	65000			
64	21.76*	5280	55700	61200	65000	65000			
73	19.20*	5050	56200	62100	65000	65000			
84	16.58	4760	56800	63200	65000	65000			
95	14.67	4500	57400	64200	65000	65000			
114	12.33	4120	58200	65000	65000	65000			
141	9.96	3630	59200	65000	65000	65000			
144	9.69	2550	60800	65000	65000	65000			
167	8.37	2400	61100	65000	65000	65000			
189	7.40	2270	61400	65000	65000	65000			
225	6.22	2080	61700	65000	65000	65000			
278	5.03	1830	62200	65000	65000	65000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
41	33.91	4360	29700	28200	40000	40000			
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4210	30200	28400	40000	40000			
93	15.06	3980	30800	28800	40000	40000			
110	12.77	3680	31600	29300	40000	40000			
125	11.16	3440	32200	29700	40000	40000			
155	9.06	1890	35300	31400	40000	40000			
170	8.22	1830	35400	31500	40000	40000			
198	7.07	1720	35600	31500	40000	40000			
227	6.17	1630	35800	31600	40000	40000			
268	5.23	1510	36000	31700	40000	40000			
306	4.57	1410	36200	31700	40000	40000			
362	3.87	1300	36400	31800	40000	40000			

FA 107 DRS 132MC4 315 432
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 FF 107 DRS 132MC4 335 431

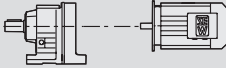
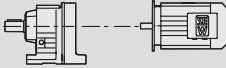
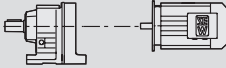
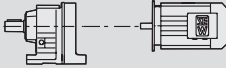
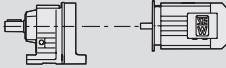
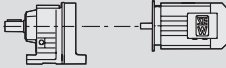
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 F 107 DRS 132MC4 305 432
 FF 107 DRS 132MC4 325 431

FA 97 DRS 132MC4 240 428
 FAF 97 DRS 132MC4 280 427
 F 97 DRS 132MC4 240 428
 FF 97 DRS 132MC4 265 427

FA 97 DRS 132MC4 235 428
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 FF 97 DRS 132MC4 255 427

DRS132MC4BF11 / DRS132MC4BT11/U

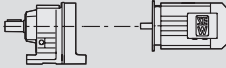
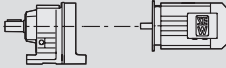
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
11	123.29	3090	16000	16000	30000	30000		175	424
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000		175	424
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	3090	16000	16000	30000	30000			
122	11.46	3030	18600	18600	30000	30000			
146	9.58	2760	23900	21900	30000	30000			
169	8.29	1590	27400	23900	30000	30000			
190	7.35	1530	27500	24000	30000	30000			
211	6.65	1480	27700	24000	30000	30000			
249	5.63	1370	28000	24200	30000	30000			
285	4.92	1300	28100	24200	30000	30000			
340	4.12	1180	28400	24400	30000	30000			
32	43.58	1530	15500	17000	20000	20000		140	420
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000		135	420
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1530	15500	17000	20000	20000			
151	9.30	1330	16800	17400	20000	20000			
169	8.26	1330	16800	17400	20000	20000			
189	7.39	1330	16800	17400	20000	20000			
211	6.64	1280	17000	17500	20000	20000			
243	5.76	1210	17400	17700	20000	20000			
271	5.16	1150	17700	17900	20000	20000			
327	4.28	1050	18100	18200	20000	20000			
85	16.48	920	9310	9310	13000	13000		115	416
97	14.46	920	9310	9310	13000	13000			
110	12.76	920	9310	9310	13000	13000			
124	11.31	920	9310	9310	13000	13000			
145	9.66	920	9310	9310	13000	13000			
206	6.78	710	11200	11200	13000	13000			
235	5.95	705	11200	11200	13000	13000			
267	5.25	705	11200	11200	13000	13000			
300	4.66	700	11300	11300	13000	13000			
353	3.97	695	11300	11300	13000	13000			

10

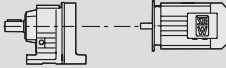
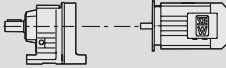
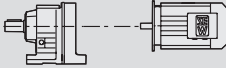
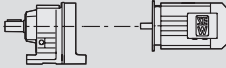
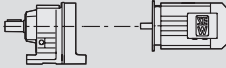
DRS160S4BF20 / DRS160S4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
5.2	267.43	18000	100300	100300	120000	120000		750	440
6.4	217.62*	18000	100300	100300	120000	120000			
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	17100	102800	102800	120000	120000			
20	68.28*	14900	108300	108300	120000	120000	FA 157 DRS 160S4 FAF 157 DRS 160S4 F 157 DRS 160S4 FF 157 DRS 160S4	870	439
23	60.25	13100	112100	112100	120000	120000			
27	52.24	11400	115100	115100	120000	120000			
30	46.48*	10100	117100	117100	120000	120000			
35	40.06	8760	118900	118900	120000	120000			
26	53.55	11000	115800	115800	120000	120000			
32	43.94*	9610	117800	117800	120000	120000			
39	35.75*	7810	120000	120000	120000	120000			
49	28.60*	6250	120000	120000	120000	120000			
55	25.43	5560	120000	120000	120000	120000			
63	22.16	4840	120000	120000	120000	120000	FA 157 DRS 160S4 FAF 157 DRS 160S4 F 157 DRS 160S4 FF 157 DRS 160S4	740	440
71	19.77	4320	120000	120000	120000	120000			
83	16.85	3680	120000	120000	120000	120000			
8.2	170.83	13000	88500	84100	90000	90000			
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000	FA 127 DRS 160S4 FAF 127 DRS 160S4 F 127 DRS 160S4 FF 127 DRS 160S4	490	436
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12000	90000	87700	90000	90000			
29	48.80	10600	90000	90000	90000	90000			
33	42.15	9210	90000	90000	90000	90000			
38	37.28	8150	90000	90000	90000	90000			
45	31.33	6850	90000	90000	90000	90000			
52	26.86	5870	90000	90000	90000	90000			
57	24.57	5370	90000	90000	90000	90000			
65	21.38	4670	90000	90000	90000	90000			
74	18.87	4120	90000	90000	90000	90000	FA 127 DRS 160S4 FAF 127 DRS 160S4 F 127 DRS 160S4 FF 127 DRS 160S4	480	436
86	16.36	3570	90000	90000	90000	90000			
96	14.55	3180	90000	90000	90000	90000			
112	12.54	2740	90000	90000	90000	90000			
158	8.86	1930	90000	90000	90000	90000			
178	7.88	1720	90000	90000	90000	90000			
206	6.80	1480	90000	90000	90000	90000			
7.0	199.31	8860	46500	45600	65000	65000	FA 107 DRS 160S4 FAF 107 DRS 160S4 F 107 DRS 160S4 FF 107 DRS 160S4	345	432
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000	FA 107 DRS 160S4 FAF 107 DRS 160S4 F 107 DRS 160S4 FF 107 DRS 160S4	390	431
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8220	48400	48600	65000	65000			
44	31.80	6950	51700	54300	65000	65000			

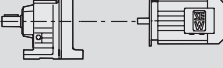
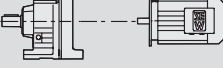
DRS160S4BF20 / DRS160S4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
41	33.79*	7390	50600	52400	65000	65000	 FA 107 DRS 160S4 335 432 FAF 107 DRS 160S4 380 431 F 107 DRS 160S4 335 432 FF 107 DRS 160S4 355 431		
51	27.57	6020	54000	58200	65000	65000			
56	25.14	5490	55200	60400	65000	65000			
64	21.76*	4750	56900	63300	65000	65000			
73	19.20*	4190	58000	65000	65000	65000			
84	16.58	3620	59200	65000	65000	65000			
95	14.67	3200	60000	65000	65000	65000			
114	12.33	2690	61000	65000	65000	65000			
144	9.69	2110	61700	65000	65000	65000			
167	8.37	1830	62200	65000	65000	65000			
189	7.40	1610	62600	65000	65000	65000			
225	6.22	1360	63100	65000	65000	65000			
8.0	174.87	4360	29700	28200	40000	40000	 FA 97 DRS 160S4 270 428 FAF 97 DRS 160S4 310 427 F 97 DRS 160S4 270 428 FF 97 DRS 160S4 290 427		
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
41	33.91	4360	29700	28200	40000	40000	 FA 97 DRS 160S4 265 428 FAF 97 DRS 160S4 305 427 F 97 DRS 160S4 265 428 FF 97 DRS 160S4 285 427		
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	3770	31400	29200	40000	40000			
93	15.06	3290	32600	29900	40000	40000			
110	12.77	2790	33800	30600	40000	40000			
125	11.16	2440	34500	30900	40000	40000			
155	9.06	1980	35100	31300	40000	40000			
170	8.22	1790	35500	31500	40000	40000			
198	7.07	1540	36000	31700	40000	40000			
227	6.17	1340	36300	31800	40000	40000			
268	5.23	1140	36700	31900	40000	40000			
306	4.57	1000	36900	32000	40000	40000			
362	3.87	840	37100	32000	40000	40000			
11	123.29	3090	16000	16000	30000	30000	 FA 87 DRS 160S4 205 424 FAF 87 DRS 160S4 230 423 F 87 DRS 160S4 205 424 FF 87 DRS 160S4 220 423		
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			

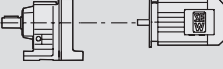
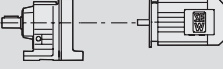
DRS160S4BF20 / DRS160S4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
53	26.50	3090	16000	16000	30000	30000		205	424
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	2860	23500	21700	30000	30000			
122	11.46	2500	24800	22400	30000	30000			
146	9.58	2090	26200	23200	30000	30000			
169	8.29	1810	26800	23600	30000	30000			
190	7.35	1600	27400	23900	30000	30000	FA 87 DRS 160S4 FAF 87 DRS 160S4 F 87 DRS 160S4 FF 87 DRS 160S4	205	424
211	6.65	1450	27800	24100	30000	30000			
249	5.63	1230	28300	24300	30000	30000			
285	4.92	1070	28700	24500	30000	30000			
340	4.12	900	29100	24600	30000	30000			
32	43.58	1530	15500	17000	20000	20000	FA 77 DRS 160S4 FAF 77 DRS 160S4 F 77 DRS 160S4 FF 77 DRS 160S4	165	420
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000	FA 77 DRS 160S4 FAF 77 DRS 160S4 F 77 DRS 160S4 FF 77 DRS 160S4	165	420
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1530	15500	17000	20000	20000			
151	9.30	1330	16800	17400	20000	20000			
169	8.26	1330	16800	17400	20000	20000			
189	7.39	1330	16800	17400	20000	20000			
211	6.64	1320	16800	17400	20000	20000			
243	5.76	1260	17100	17600	20000	20000			
271	5.16	1120	17800	18000	20000	20000			
327	4.28	930	18600	18600	20000	20000			

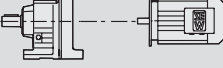
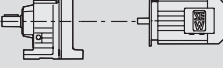
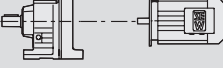
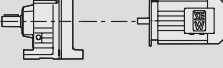
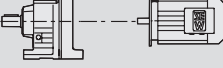
DRS160M4BF20 / DRS160M4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
5.2	267.43	18000	100300	100300	120000	120000		750	440
6.4	217.62*	18000	100300	100300	120000	120000			
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	16900	103400	103400	120000	120000			
35	40.06	14600	109000	109000	120000	120000			
43	32.55	11800	114500	114500	120000	120000			
26	53.55	11000	115800	115800	120000	120000	FA 157 DRS 160M4 FAF 157 DRS 160M4 F 157 DRS 160M4 FF 157 DRS 160M4	750	440
32	43.94*	10700	116200	116200	120000	120000			
39	35.75*	9920	117400	117400	120000	120000			
49	28.60*	9290	118200	118200	120000	120000			
55	25.43	8970	118600	118600	120000	120000			
63	22.16	8090	119700	119700	120000	120000			
71	19.77	7220	120000	120000	120000	120000			
83	16.85	6150	120000	120000	120000	120000			
100	13.96	5100	120000	120000	120000	120000			

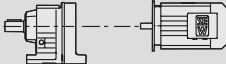
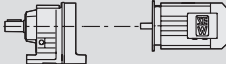
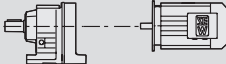
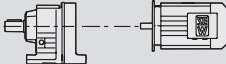
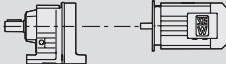
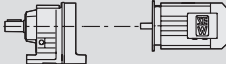
DRS160M4BF20 / DRS160M4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
8.2	170.83	13000	88500	84100	90000	90000		500	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	11400	90000	89700	90000	90000			
55	25.30	9240	90000	90000	90000	90000			
52	26.86	7600	90000	90000	90000	90000		490	436
57	24.57	7410	90000	90000	90000	90000			
65	21.38	7070	90000	90000	90000	90000			
74	18.87	6770	90000	90000	90000	90000			
86	16.36	5970	90000	90000	90000	90000			
96	14.55	5310	90000	90000	90000	90000			
112	12.54	4580	90000	90000	90000	90000			
137	10.19	3720	90000	90000	90000	90000			
158	8.86	3230	90000	90000	90000	90000			
178	7.88	2880	90000	90000	90000	90000			
206	6.80	2480	90000	90000	90000	90000			
254	5.52	2010	90000	90000	90000	90000			
7.0	199.31	8860	46500	45600	65000	65000		355	432
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	7840	49400	50300	65000	65000		345	432
51	27.57	7270	50900	52900	65000	65000			
56	25.14	7080	51400	53700	65000	65000			
64	21.76*	6730	52300	55200	65000	65000			
73	19.20*	6460	52900	56400	65000	65000			
84	16.58	6050	53900	58100	65000	65000			
95	14.67	5350	55500	60900	65000	65000			
114	12.33	4500	57400	64300	65000	65000			
141	9.96	3630	59200	65000	65000	65000			
144	9.69	3260	59400	65000	65000	65000			
167	8.37	3050	59800	65000	65000	65000			
189	7.40	2700	60500	65000	65000	65000			
225	6.22	2270	61400	65000	65000	65000			
278	5.03	1830	62200	65000	65000	65000			

DRS160M4BF20 / DRS160M4BT20/U

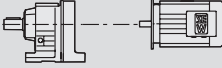
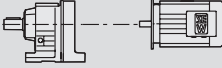
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
8.0	174.87	4360	29700	28200	40000	40000		280	428
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
41	33.91	4360	29700	28200	40000	40000		275	428
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4360	29700	28200	40000	40000			
93	15.06	4360	29700	28200	40000	40000			
110	12.77	4360	29700	28200	40000	40000			
125	11.16	4070	30600	28700	40000	40000			
155	9.06	2400	34300	31000	40000	40000			
170	8.22	2330	34400	31000	40000	40000			
198	7.07	2200	34700	31100	40000	40000			
227	6.17	2080	34900	31300	40000	40000			
268	5.23	1910	35300	31400	40000	40000			
306	4.57	1670	35700	31600	40000	40000			
362	3.87	1410	36200	31700	40000	40000			
11	123.29	3090	16000	16000	30000	30000		215	424
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000		210	424
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	3090	16000	16000	30000	30000			
122	11.46	3090	16000	16000	30000	30000			
146	9.58	3090	16000	16000	30000	30000			
169	8.29	1980	26200	23300	30000	30000			
190	7.35	1950	26300	23400	30000	30000			
211	6.65	1880	26500	23500	30000	30000			
249	5.63	1750	26900	23700	30000	30000			
285	4.92	1660	27200	23800	30000	30000			
340	4.12	1500	27600	24000	30000	30000			
32	43.58	1530	15500	17000	20000	20000		175	420
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			

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DRS160M4BF20 / DRS160M4BT20/U

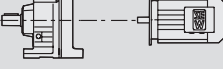
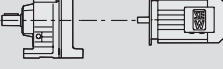
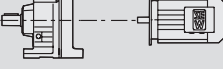
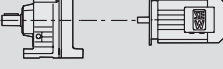
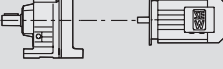
 $n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg			
			F	FF	FA	FAF					
71	19.70	1530	15500	17000	20000	20000					
80	17.49	1530	15500	17000	20000	20000					
90	15.64*	1530	15500	17000	20000	20000					
100	14.06	1530	15500	17000	20000	20000					
115	12.20	1530	15500	17000	20000	20000					
128	10.93	1530	15500	17000	20000	20000					
151	9.30	1330	16800	17400	20000	20000					
169	8.26	1330	16800	17400	20000	20000					
189	7.39	1330	16800	17400	20000	20000					
211	6.64	1320	16800	17400	20000	20000					
243	5.76	1320	16800	17400	20000	20000					
271	5.16	1320	16800	17400	20000	20000					
327	4.28	1310	16900	17400	20000	20000					
								FA 77	DRS 160M4	175	420
								FAF 77	DRS 160M4	190	419
								F 77	DRS 160M4	175	420
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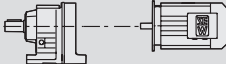
DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
5.2	267.43	18000	100300	100300	120000	120000		760	440
6.4	217.62*	18000	100300	100300	120000	120000			
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000		750	440
30	46.48*	16900	103400	103400	120000	120000			
35	40.06	14600	109000	109000	120000	120000			
43	32.55	11800	114500	114500	120000	120000			
26	53.55	11000	115800	115800	120000	120000			
32	43.94*	10700	116200	116200	120000	120000			
39	35.75*	9920	117400	117400	120000	120000			
49	28.60*	9290	118200	118200	120000	120000			
55	25.43	8970	118600	118600	120000	120000			
63	22.16	8090	119700	119700	120000	120000			
71	19.77	7220	120000	120000	120000	120000			
83	16.85	6150	120000	120000	120000	120000			
100	13.96	5100	120000	120000	120000	120000			
8.2	170.83	13000	88500	84100	90000	90000		500	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000		590	435
45	31.33	11400	90000	89700	90000	90000			
55	25.30	9240	90000	90000	90000	90000			

DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
52	26.86	7600	90000	90000	90000	90000			
57	24.57	7410	90000	90000	90000	90000			
65	21.38	7070	90000	90000	90000	90000			
74	18.87	6770	90000	90000	90000	90000			
86	16.36	5970	90000	90000	90000	90000			
96	14.55	5310	90000	90000	90000	90000			
112	12.54	4580	90000	90000	90000	90000			
137	10.19	3720	90000	90000	90000	90000			
158	8.86	3230	90000	90000	90000	90000			
178	7.88	2880	90000	90000	90000	90000			
206	6.80	2480	90000	90000	90000	90000			
254	5.52	2010	90000	90000	90000	90000			
7.0	199.31	8860	46500	45600	65000	65000			
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	7840	49400	50300	65000	65000			
51	27.57	7270	50900	52900	65000	65000			
56	25.14	7080	51400	53700	65000	65000			
64	21.76*	6730	52300	55200	65000	65000			
73	19.20*	6460	52900	56400	65000	65000			
84	16.58	6050	53900	58100	65000	65000			
95	14.67	5350	55500	60900	65000	65000			
114	12.33	4500	57400	64300	65000	65000			
141	9.96	3630	59200	65000	65000	65000			
144	9.69	3260	59400	65000	65000	65000			
167	8.37	3050	59800	65000	65000	65000			
189	7.40	2700	60500	65000	65000	65000			
225	6.22	2270	61400	65000	65000	65000			
278	5.03	1830	62200	65000	65000	65000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			

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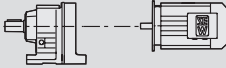
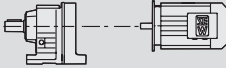
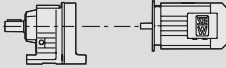
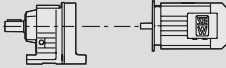
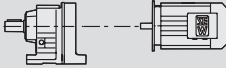
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 F 107 DRS 160MC4 350 432
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FA 97 DRS 160MC4 285 428
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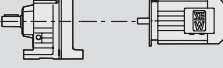
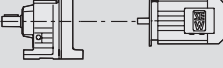
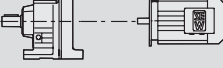
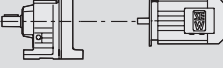
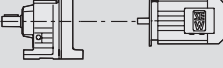
DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
41	33.91	4360	29700	28200	40000	40000		280	428
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4360	29700	28200	40000	40000			
93	15.06	4360	29700	28200	40000	40000			
110	12.77	4360	29700	28200	40000	40000			
125	11.16	4070	30600	28700	40000	40000			
155	9.06	2400	34300	31000	40000	40000			
170	8.22	2330	34400	31000	40000	40000			
198	7.07	2200	34700	31100	40000	40000			
227	6.17	2080	34900	31300	40000	40000			
268	5.23	1910	35300	31400	40000	40000			
306	4.57	1670	35700	31600	40000	40000			
362	3.87	1410	36200	31700	40000	40000			
11	123.29	3090	16000	16000	30000	30000		220	424
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000			
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	3090	16000	16000	30000	30000			
122	11.46	3090	16000	16000	30000	30000			
146	9.58	3090	16000	16000	30000	30000			
169	8.29	1980	26200	23300	30000	30000			
190	7.35	1950	26300	23400	30000	30000			
211	6.65	1880	26500	23500	30000	30000			
249	5.63	1750	26900	23700	30000	30000			
285	4.92	1660	27200	23800	30000	30000			
340	4.12	1500	27600	24000	30000	30000			
32	43.58	1530	15500	17000	20000	20000		180	420
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000		180	420
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1530	15500	17000	20000	20000			
151	9.30	1330	16800	17400	20000	20000			
169	8.26	1330	16800	17400	20000	20000			
189	7.39	1330	16800	17400	20000	20000			
211	6.64	1320	16800	17400	20000	20000			
243	5.76	1320	16800	17400	20000	20000			
271	5.16	1320	16800	17400	20000	20000			
327	4.28	1310	16900	17400	20000	20000			

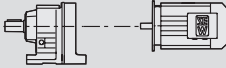
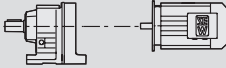
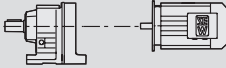
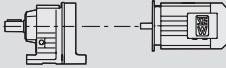
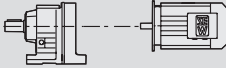
DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
5.2	267.43	18000	100300	100300	120000	120000		810	440
6.4	217.62*	18000	100300	100300	120000	120000			
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
26	53.55	11700	114600	114600	120000	120000		810	440
32	43.94*	13600	111100	111100	120000	120000			
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	16000	105700	105700	120000	120000			
63	22.16	13900	110500	110500	120000	120000			
71	19.77	12400	113400	113400	120000	120000			
83	16.85	10600	116400	116400	120000	120000			
100	13.96	8790	118800	118800	120000	120000			
8.2	170.83	13000	88500	84100	90000	90000		560	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		550	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	11800	90000	88400	90000	90000			
86	16.36	10300	90000	90000	90000	90000			
96	14.55	9160	90000	90000	90000	90000			
112	12.54	7900	90000	90000	90000	90000			
137	10.19	6420	90000	90000	90000	90000			
158	8.86	5580	90000	90000	90000	90000			
178	7.88	4960	90000	90000	90000	90000			
206	6.80	4280	90000	90000	90000	90000			
254	5.52	3470	90000	90000	90000	90000			

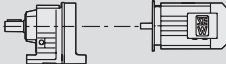
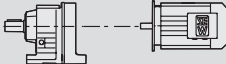
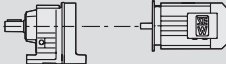
DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
7.0	199.31	8860	46500	45600	65000	65000		415	432
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	8860	46500	45600	65000	65000		410	432
51	27.57	8860	46500	45600	65000	65000			
56	25.14	8860	46500	45600	65000	65000			
64	21.76*	8860	46500	45600	65000	65000			
73	19.20*	8860	46500	45600	65000	65000			
84	16.58	8860	46500	45600	65000	65000			
95	14.67	8860	46500	45600	65000	65000			
114	12.33	7760	49600	50700	65000	65000			
141	9.96	6270	53400	57200	65000	65000			
144	9.69	6100	52900	55900	65000	65000			
167	8.37	5270	54900	59600	65000	65000			
189	7.40	4660	56300	62100	65000	65000			
225	6.22	3910	58000	65000	65000	65000			
278	5.03	3160	59600	65000	65000	65000			
8.0	174.87	4360	29700	28200	40000	40000		340	428
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
41	33.91	4360	29700	28200	40000	40000		335	428
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4360	29700	28200	40000	40000			
93	15.06	4360	29700	28200	40000	40000			
110	12.77	4360	29700	28200	40000	40000			
125	11.16	4360	29700	28200	40000	40000			
155	9.06	3050	32800	30200	40000	40000			
170	8.22	3050	32800	30200	40000	40000			
198	7.07	3040	32800	30200	40000	40000			
227	6.17	3030	32800	30200	40000	40000			
268	5.23	3020	32800	30300	40000	40000			
306	4.57	2880	33200	30400	40000	40000			
362	3.87	2430	34200	30900	40000	40000			

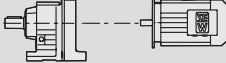
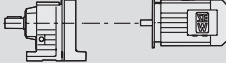
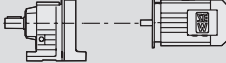
DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
11	123.29	3090	16000	16000	30000	30000		280	424
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000		275	424
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	3090	16000	16000	30000	30000			
122	11.46	3090	16000	16000	30000	30000			
146	9.58	3090	16000	16000	30000	30000			
169	8.29	1980	26200	23300	30000	30000			
190	7.35	1970	26300	23400	30000	30000			
211	6.65	1970	26300	23400	30000	30000			
249	5.63	1960	26300	23400	30000	30000			
285	4.92	1960	26300	23400	30000	30000			
340	4.12	1940	26400	23400	30000	30000			

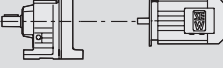
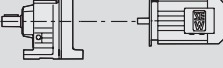
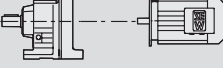
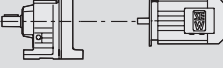
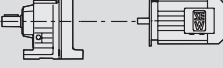
DRS180M4BF30 / DRS180M4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
6.4	217.62*	18000	100300	100300	120000	120000		830	440
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	17300	102300	102300	120000	120000			
32	43.94*	13600	111100	111100	120000	120000		830	440
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	16000	105700	105700	120000	120000			
63	22.16	13900	110500	110500	120000	120000			
71	19.77	12400	113400	113400	120000	120000			
83	16.85	10600	116400	116400	120000	120000			
100	13.96	8790	118800	118800	120000	120000			
117	11.92	7500	120000	120000	120000	120000			

DRS180M4BF30 / DRS180M4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
9.1	153.67*	13000	88500	84100	90000	90000		580	436
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		570	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	11800	90000	88400	90000	90000			
86	16.36	10300	90000	90000	90000	90000			
96	14.55	9160	90000	90000	90000	90000			
112	12.54	7900	90000	90000	90000	90000			
137	10.19	6420	90000	90000	90000	90000			
158	8.86	5580	90000	90000	90000	90000			
178	7.88	4960	90000	90000	90000	90000			
206	6.80	4280	90000	90000	90000	90000			
254	5.52	3470	90000	90000	90000	90000			
299	4.68	2940	90000	90000	90000	90000			
8.7	161.28*	8860	46500	45600	65000	65000		435	432
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	8860	46500	45600	65000	65000		425	432
51	27.57	8860	46500	45600	65000	65000			
56	25.14	8860	46500	45600	65000	65000			
64	21.76*	8860	46500	45600	65000	65000			
73	19.20*	8860	46500	45600	65000	65000			
84	16.58	8860	46500	45600	65000	65000			
95	14.67	8860	46500	45600	65000	65000			
114	12.33	7760	49600	50700	65000	65000			
141	9.96	6270	53400	57200	65000	65000			
144	9.69	6100	52900	55900	65000	65000			
167	8.37	5270	54900	59600	65000	65000			
189	7.40	4660	56300	62100	65000	65000			
225	6.22	3910	58000	65000	65000	65000			
278	5.03	3160	59600	65000	65000	65000			

DRS180M4BF30 / DRS180M4BT30/U							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N						m kg	
			F	FF	FA	FAF				
10.0	140.71	4360	29700	28200	40000	40000				
11	127.42	4360	29700	28200	40000	40000				
12	112.99	4360	29700	28200	40000	40000				
14	102.16	4360	29700	28200	40000	40000				
16	86.59	4360	29700	28200	40000	40000				
19	75.63	4360	29700	28200	40000	40000				
19	72.29	4360	29700	28200	40000	40000				
21	65.47	4360	29700	28200	40000	40000				
24	58.06	4360	29700	28200	40000	40000				
27	52.49	4360	29700	28200	40000	40000				
31	44.49	4360	29700	28200	40000	40000				
36	38.86	4360	29700	28200	40000	40000				
43	32.50	4360	29700	28200	40000	40000				
51	27.44*	4360	29700	28200	40000	40000				
56	24.92	4360	29700	28200	40000	40000				
63	22.11	4360	29700	28200	40000	40000				
70	20.07	4360	29700	28200	40000	40000				
81	17.25*	4360	29700	28200	40000	40000				
93	15.06	4360	29700	28200	40000	40000				
110	12.77	4360	29700	28200	40000	40000				
125	11.16	4360	29700	28200	40000	40000				
155	9.06	3050	32800	30200	40000	40000				
170	8.22	3050	32800	30200	40000	40000				
198	7.07	3040	32800	30200	40000	40000				
227	6.17	3030	32800	30200	40000	40000				
268	5.23	3020	32800	30300	40000	40000				
306	4.57	2880	33200	30400	40000	40000				
362	3.87	2430	34200	30900	40000	40000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000				
48	29.20	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000				
169	8.29	1980	26200	23300	30000	30000				
190	7.35	1970	26300	23400	30000	30000				
211	6.65	1970	26300	23400	30000	30000				
249	5.63	1960	26300	23400	30000	30000				
285	4.92	1960	26300	23400	30000	30000				
340	4.12	1940	26400	23400	30000	30000				

FA	97	DRS 180M4	360	428
FAF	97	DRS 180M4	400	427
F	97	DRS 180M4	360	428
FF	97	DRS 180M4	380	427

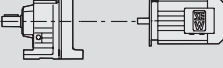
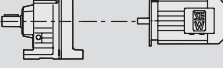
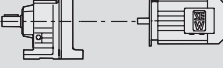
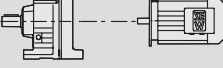
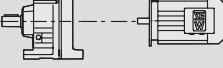
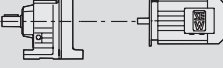
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FAF	97	DRS 180M4	395	427
F	97	DRS 180M4	355	428
FF	97	DRS 180M4	375	427

FA	87	DRS 180M4	295	424
FAF	87	DRS 180M4	315	423
F	87	DRS 180M4	295	424
FF	87	DRS 180M4	305	423

FA	87	DRS 180M4	290	424
FAF	87	DRS 180M4	310	423
F	87	DRS 180M4	290	424
FF	87	DRS 180M4	305	423

DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
6.4	217.62*	18000	100300	100300	120000	120000		840	440
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	17300	102300	102300	120000	120000			
32	43.94*	13700	110900	110900	120000	120000		840	440
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	16000	105700	105700	120000	120000			
63	22.16	13900	110500	110500	120000	120000			
71	19.77	12400	113400	113400	120000	120000			
83	16.85	10600	116400	116400	120000	120000			
100	13.96	8790	118800	118800	120000	120000			
117	11.92	7500	120000	120000	120000	120000			
9.1	153.67*	13000	88500	84100	90000	90000		590	436
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		580	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	11800	90000	88400	90000	90000			
86	16.36	10300	90000	90000	90000	90000			
96	14.55	9160	90000	90000	90000	90000			
112	12.54	7900	90000	90000	90000	90000			
137	10.19	6420	90000	90000	90000	90000			
158	8.86	5580	90000	90000	90000	90000			
178	7.88	4960	90000	90000	90000	90000			
206	6.80	4280	90000	90000	90000	90000			
254	5.52	3470	90000	90000	90000	90000			
299	4.68	2940	90000	90000	90000	90000			
8.7	161.28*	8860	46500	45600	65000	65000		445	432
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			

FA 157 DRS 180L4 840 440
 FAF 157 DRS 180L4 970 439
 F 157 DRS 180L4 840 440
 FF 157 DRS 180L4 900 439

FA 157 DRS 180L4 840 440
 FAF 157 DRS 180L4 960 439
 F 157 DRS 180L4 840 440
 FF 157 DRS 180L4 890 439

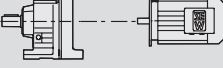
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 F 127 DRS 180L4 590 436
 FF 127 DRS 180L4 630 435

FA 127 DRS 180L4 580 436
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 F 127 DRS 180L4 580 436
 FF 127 DRS 180L4 610 435

FA 107 DRS 180L4 445 432
 FAF 107 DRS 180L4 490 431
 F 107 DRS 180L4 445 432
 FF 107 DRS 180L4 465 431

DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
41	33.79*	8860	46500	45600	65000	65000			
51	27.57	8860	46500	45600	65000	65000			
56	25.14	8860	46500	45600	65000	65000			
64	21.76*	8860	46500	45600	65000	65000			
73	19.20*	8860	46500	45600	65000	65000			
84	16.58	8860	46500	45600	65000	65000			
95	14.67	8860	46500	45600	65000	65000			
114	12.33	7760	49600	50700	65000	65000			
141	9.96	6270	53400	57200	65000	65000			
144	9.69	6100	52900	55900	65000	65000			
167	8.37	5270	54900	59600	65000	65000			
189	7.40	4660	56300	62100	65000	65000			
225	6.22	3910	58000	65000	65000	65000			
278	5.03	3160	59600	65000	65000	65000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4360	29700	28200	40000	40000			
93	15.06	4360	29700	28200	40000	40000			
110	12.77	4360	29700	28200	40000	40000			
125	11.16	4360	29700	28200	40000	40000			
155	9.06	3050	32800	30200	40000	40000			
170	8.22	3050	32800	30200	40000	40000			
198	7.07	3040	32800	30200	40000	40000			
227	6.17	3030	32800	30200	40000	40000			
268	5.23	3020	32800	30300	40000	40000			
306	4.57	2880	33200	30400	40000	40000			
362	3.87	2430	34200	30900	40000	40000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	3090	16000	16000	30000	30000			
122	11.46	3090	16000	16000	30000	30000			
146	9.58	3090	16000	16000	30000	30000			
169	8.29	1980	26200	23300	30000	30000			
190	7.35	1970	26300	23400	30000	30000			
211	6.65	1970	26300	23400	30000	30000			
249	5.63	1960	26300	23400	30000	30000			
285	4.92	1960	26300	23400	30000	30000			
340	4.12	1940	26400	23400	30000	30000			

FA 107 DRS 180L4 435 432
FAF 107 DRS 180L4 480 431
F 107 DRS 180L4 435 432
FF 107 DRS 180L4 455 431

FA 97 DRS 180L4 370 428
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F 97 DRS 180L4 370 428
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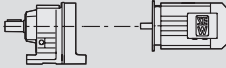
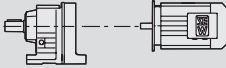
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F 87 DRS 180L4 300 424
FF 87 DRS 180L4 315 423

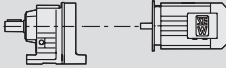
DRS180LC4BF30 / DRS180LC4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			F	FF	FA	FAF			
6.4	217.62*	18000	100300	100300	120000	120000		850	440
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000	FA 157 DRS 180LC4 FAF 157 DRS 180LC4 F 157 DRS 180LC4 FF 157 DRS 180LC4	850	440
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	18000	100300	100300	120000	120000			
32	43.94*	13700	110900	110900	120000	120000			
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	18000	100300	100300	120000	120000			
63	22.16	16900	103400	103400	120000	120000	FA 157 DRS 180LC4 FAF 157 DRS 180LC4 F 157 DRS 180LC4 FF 157 DRS 180LC4	850	440
71	19.77	15000	108100	108100	120000	120000			
83	16.85	12800	112700	112700	120000	120000			
100	13.96	10600	116400	116400	120000	120000			
117	11.92	9090	118500	118500	120000	120000			
9.1	153.67*	13000	88500	84100	90000	90000	FA 127 DRS 180LC4 FAF 127 DRS 180LC4 F 127 DRS 180LC4 FF 127 DRS 180LC4	600	436
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000	FA 127 DRS 180LC4 FAF 127 DRS 180LC4 F 127 DRS 180LC4 FF 127 DRS 180LC4	590	436
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000			
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	13000	88500	84100	90000	90000			
86	16.36	12400	89700	86300	90000	90000			
96	14.55	11100	90000	90000	90000	90000			
112	12.54	9570	90000	90000	90000	90000	FA 107 DRS 180LC4 FAF 107 DRS 180LC4 F 107 DRS 180LC4 FF 107 DRS 180LC4	455	432
137	10.19	7770	90000	90000	90000	90000			
158	8.86	6760	90000	90000	90000	90000			
178	7.88	6010	90000	90000	90000	90000			
206	6.80	5180	90000	90000	90000	90000			
254	5.52	4210	90000	90000	90000	90000			
299	4.68	3570	90000	90000	90000	90000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			

DRS180LC4BF30 / DRS180LC4BT30/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
41	33.79*	8860	46500	45600	65000	65000			
51	27.57	8860	46500	45600	65000	65000			
56	25.14	8860	46500	45600	65000	65000			
64	21.76*	8860	46500	45600	65000	65000			
73	19.20*	8860	46500	45600	65000	65000			
84	16.58	8860	46500	45600	65000	65000			
95	14.67	8860	46500	45600	65000	65000			
114	12.33	8860	46500	45600	65000	65000			
141	9.96	7590	50100	51500	65000	65000			
144	9.69	6240	52500	55300	65000	65000			
167	8.37	6240	52500	55300	65000	65000			
189	7.40	5640	54000	58000	65000	65000			
225	6.22	4740	56100	61800	65000	65000			
278	5.03	3830	58200	65000	65000	65000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4360	29700	28200	40000	40000			
93	15.06	4360	29700	28200	40000	40000			
110	12.77	4360	29700	28200	40000	40000			
125	11.16	4360	29700	28200	40000	40000			
155	9.06	3050	32800	30200	40000	40000			
170	8.22	3050	32800	30200	40000	40000			
198	7.07	3040	32800	30200	40000	40000			
227	6.17	3030	32800	30200	40000	40000			
268	5.23	3020	32800	30300	40000	40000			
306	4.57	3000	32900	30300	40000	40000			
362	3.87	2700	33600	30600	40000	40000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	3090	16000	16000	30000	30000			
122	11.46	3090	16000	16000	30000	30000			
146	9.58	3090	16000	16000	30000	30000			
169	8.29	1980	26200	23300	30000	30000			
190	7.35	1970	26300	23400	30000	30000			
211	6.65	1970	26300	23400	30000	30000			
249	5.63	1960	26300	23400	30000	30000			
285	4.92	1960	26300	23400	30000	30000			
340	4.12	1940	26400	23400	30000	30000			

FA 107 DRS 180LC4 445 432
FAF 107 DRS 180LC4 490 431
F 107 DRS 180LC4 445 432
FF 107 DRS 180LC4 470 431

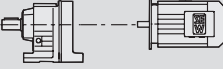
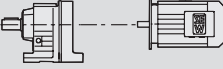
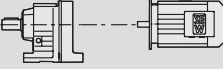
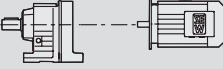
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FAF 97 DRS 180LC4 420 427
F 97 DRS 180LC4 380 428
FF 97 DRS 180LC4 405 427

FA 97 DRS 180LC4 375 428
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F 97 DRS 180LC4 375 428
FF 97 DRS 180LC4 395 427

FA 87 DRS 180LC4 315 424
FAF 87 DRS 180LC4 340 423
F 87 DRS 180LC4 315 424
FF 87 DRS 180LC4 330 423

FA 87 DRS 180LC4 315 424
FAF 87 DRS 180LC4 335 423
F 87 DRS 180LC4 315 424
FF 87 DRS 180LC4 325 423

10.1.3 Auswahltabellen K..DRS.. mit BF.. oder BT..

DRS112M4BF11 / DRS112M4BT11/U							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N							
			K	KF	KA	KAF			m kg	
9.6	146.07	14800	76400	75700	90000	90000				
10	136.14	14800	76400	75700	90000	90000				
11	122.48	14800	76400	75700	90000	90000				
13	110.18	14400	77200	77200	90000	90000				
16	89.89	11800	79800	81600	90000	90000				
17	81.98	10700	80400	82100	90000	90000				
20	70.95*	9320	81000	82700	90000	90000				
22	62.60	8230	81400	83100	90000	90000				
26	54.07	7100	81700	83500	90000	90000				
29	47.82	6280	82000	83800	90000	90000				
39	36.25	4760	82400	84100	90000	90000				
45	31.37	4120	82500	84300	90000	90000				
51	27.68	3630	82600	84300	90000	90000				
59	23.91	3140	82600	84400	90000	90000				
66	21.15	2770	82700	84500	90000	90000				
109	12.79	1680	82800	84600	90000	90000				
9.8	143.47*	9090	65000	65000	65000	65000				
12	121.46	9090	65000	65000	65000	65000				
12	112.41*	9090	65000	65000	65000	65000				
14	100.75	9090	65000	65000	65000	65000				
15	90.96*	9090	65000	65000	65000	65000				
17	82.61	9090	65000	65000	65000	65000				
19	73.30	9090	65000	65000	65000	65000				
21	66.52*	8740	65000	65000	65000	65000				
24	57.17*	7510	65000	65000	65000	65000				
28	49.90	6560	65000	65000	65000	65000				
33	42.33*	5560	65000	65000	65000	65000				
38	37.00*	4860	65000	65000	65000	65000				
43	32.69	4290	65000	65000	65000	65000				
48	29.00	3810	65000	65000	65000	65000				
53	26.32	3450	65000	65000	65000	65000				
62	22.62	2970	65000	65000	65000	65000				
71	19.74	2590	65000	65000	65000	65000				
84	16.75	2200	65000	65000	65000	65000				
96	14.64	1920	65000	65000	65000	65000				
104	13.43	1760	65000	65000	65000	65000				
119	11.73	1540	65000	65000	65000	65000				
141	9.94	1300	65000	65000	65000	65000				
161	8.69	1140	65000	65000	65000	65000				
9.1	153.21*	4710	40000	38300	40000	40000				
10.0	140.28	4710	40000	38300	40000	40000				
11	123.93*	4710	40000	38300	40000	40000				
13	105.13	4710	40000	38300	40000	40000				
14	96.80	4710	40000	38300	40000	40000				
16	86.52	4710	40000	38300	40000	40000				
18	77.89*	4710	40000	38300	40000	40000				
20	70.54	4710	40000	38300	40000	40000				
22	62.55	4710	40000	38300	40000	40000				
25	56.55	4710	40000	38300	40000	40000				
29	47.93*	4710	40000	38300	40000	40000				
33	41.87	4710	40000	38300	40000	40000				
37	38.30	4710	40000	38300	40000	40000				
41	34.23	4490	40000	38500	40000	40000				
45	30.82	4050	40000	38900	40000	40000				
50	27.91	3660	40000	39200	40000	40000				
57	24.75	3250	40000	39500	40000	40000				
63	22.37	2940	40000	39700	40000	40000				
74	18.96	2490	40000	40000	40000	40000				
85	16.56	2170	40000	40000	40000	40000				
101	13.85	1820	40000	40000	40000	40000				
117	11.99	1570	40000	40000	40000	40000				
134	10.41	1360	40000	40000	40000	40000				
161	8.71	1140	40000	40000	40000	40000				
186	7.54	990	40000	40000	40000	40000				

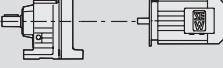
K	127	DRS 112M4	490	470
KF	127	DRS 112M4	530	471
KA	127	DRS 112M4	465	472
KAF	127	DRS 112M4	500	471

K	107	DRS 112M4	330	466
KF	107	DRS 112M4	345	467
KA	107	DRS 112M4	305	468
KAF	107	DRS 112M4	330	467

K	97	DRS 112M4	215	462
KF	97	DRS 112M4	235	463
KA	97	DRS 112M4	200	464
KAF	97	DRS 112M4	225	463

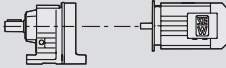
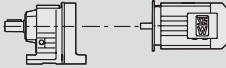
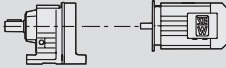
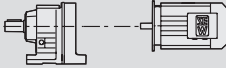
DRS112M4BF11 / DRS112M4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
11	126.91*	3240	26500	25600	30000	30000			
12	115.82	3240	26500	25600	30000	30000			
14	102.71*	3240	26500	25600	30000	30000			
16	86.34	3240	26500	25600	30000	30000			
18	79.34	3240	26500	25600	30000	30000			
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000	K 87	DRS 112M4	160 458
45	31.39	3240	26500	25600	30000	30000	KF 87	DRS 112M4	165 459
50	27.88	3240	26500	25600	30000	30000	KA 87	DRS 112M4	145 460
56	24.92	3240	26500	25600	30000	30000	KAF 87	DRS 112M4	160 459
62	22.41	2940	27000	26000	30000	30000			
72	19.45	2550	27500	26400	30000	30000			
80	17.42	2280	27800	26700	30000	30000			
88	16.00	2100	27900	26900	30000	30000			
97	14.45	1890	28200	27100	30000	30000			
111	12.56	1650	28400	27300	30000	30000			
125	11.17	1460	28500	27400	30000	30000			
140	10.00	1310	28600	27500	30000	30000			
169	8.29	1090	28700	27600	30000	30000			
194	7.21	940	28800	27700	30000	30000			
14	97.05	1550	15400	16600	20000	20000			
16	88.97	1550	15400	16600	20000	20000			
18	78.07	1550	15400	16600	20000	20000			
19	73.99	1550	15400	16600	20000	20000			
22	64.75	1550	15400	16600	20000	20000			
24	58.34	1550	15400	16600	20000	20000			
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
36	38.39	1550	15400	16600	20000	20000			
40	35.20	1550	15400	16600	20000	20000	K 77	DRS 112M4	120 454
45	30.89	1550	15400	16600	20000	20000	KF 77	DRS 112M4	130 455
48	29.27	1550	15400	16600	20000	20000	KA 77	DRS 112M4	115 456
55	25.62	1550	15400	16600	20000	20000	KAF 77	DRS 112M4	120 455
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1110	17900	17900	20000	20000			
193	7.24	950	18500	18400	20000	20000			

DRS112M4BF11 / DRS112M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
18	76.37	920	9310	9310	13000	13000			
20	68.95	920	9310	9310	13000	13000			
23	60.66	920	9310	9310	13000	13000			
24	57.28	920	9310	9310	13000	13000			
29	48.77	920	9310	9310	13000	13000			
32	44.32	920	9310	9310	13000	13000			
36	38.39	920	9310	9310	13000	13000			
46	30.22	920	9310	9310	13000	13000			
51	27.28	920	9310	9310	13000	13000			
58	24.00	920	9310	9310	13000	13000			
62	22.66	920	9310	9310	13000	13000			
73	19.30	920	9310	9310	13000	13000			
80	17.54	920	9310	9310	13000	13000			
92	15.19	920	9310	9310	13000	13000			
106	13.22	920	9310	9310	13000	13000			
112	12.48	695	11300	11300	13000	13000			
132	10.63	690	11300	11300	13000	13000			
145	9.66	685	11400	11400	13000	13000			
167	8.37	660	11500	11500	13000	13000			
192	7.28	630	11700	11700	13000	13000			
269	5.20	525	12300	12300	13000	13000			
18	76.56*	665	4700	4700	11500	11500			
20	69.12	665	4700	4700	11500	11500			
23	60.81*	665	4700	4700	11500	11500			
24	57.42*	665	4700	4700	11500	11500			
29	48.89	665	4700	4700	11500	11500			
32	44.43	665	4700	4700	11500	11500			
36	38.49	665	4700	4700	11500	11500			
46	30.28	665	4700	4700	11500	11500			
51	27.34	665	4700	4700	11500	11500			
58	24.05	665	4700	4700	11500	11500			
62	22.71	665	4700	4700	11500	11500			
72	19.34	665	4700	4700	11500	11500			
80	17.57	665	4700	4700	11500	11500			
92	15.22	665	4700	4700	11500	11500			
106	13.25	665	4700	4700	11500	11500			
117	11.92	585	7420	7660	11500	11500			
124	11.26	585	7420	7660	11500	11500			
146	9.59	585	7420	7660	11500	11500			
161	8.71	585	7420	7660	11500	11500			
185	7.55	545	7740	7920	11500	11500			
213	6.57	515	7990	8110	11500	11500			
299	4.69	450	8520	8520	11500	11500			
22	63.30*	435	900	900	10000	10000			
25	56.83	435	900	900	10000	10000			
29	48.95*	435	900	900	10000	10000			
30	46.03*	435	900	900	10000	10000			
35	39.61	435	900	900	10000	10000			
40	35.39	435	900	900	10000	10000			
64	21.81	435	900	900	10000	10000			
72	19.58	435	900	900	10000	10000			
83	16.86	435	900	900	10000	10000			
88	15.86	435	900	900	10000	10000			
103	13.65	435	900	900	10000	10000			
115	12.19	435	900	900	10000	10000			
119	11.77	315	6920	6920	10000	10000			
133	10.56	315	6920	6920	10000	10000			
154	9.10	310	6970	6970	10000	10000			
164	8.56	310	6970	6970	10000	10000			
190	7.36	310	6970	6970	10000	10000			
213	6.58	310	6970	6970	10000	10000			
241	5.81	305	7020	7020	10000	10000			
302	4.64	300	7060	7060	10000	10000			

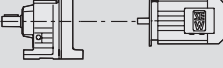
K 67 DRS 112M4 97 450
 KF 67 DRS 112M4 105 451
 KA 67 DRS 112M4 94 452
 KAF 67 DRS 112M4 100 451

K 57 DRS 112M4 91 446
 KF 57 DRS 112M4 96 447
 KA 57 DRS 112M4 89 448
 KAF 57 DRS 112M4 95 447

K 47 DRS 112M4 85 442
 KF 47 DRS 112M4 89 443
 KA 47 DRS 112M4 84 444
 KAF 47 DRS 112M4 87 443

DRS132S4BF11 / DRS132S4BT11/U

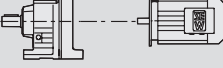
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
9.6	146.07	14800	76400	75700	90000	90000			
10	136.14	14800	76400	75700	90000	90000			
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	13600	78700	80100	90000	90000			
26	54.07	11800	79800	81600	90000	90000	K 127 DRS 132S4	495	470
29	47.82	10400	80500	82300	90000	90000	KF 127 DRS 132S4	540	471
35	40.19	8780	81200	82900	90000	90000	KA 127 DRS 132S4	465	472
39	36.25	7920	81500	83200	90000	90000	KAF 127 DRS 132S4	500	471
45	31.37	6850	81800	83600	90000	90000			
51	27.68	6050	82000	83800	90000	90000			
59	23.91	5220	82200	84000	90000	90000			
66	21.15	4620	82400	84200	90000	90000			
79	17.77	3880	82500	84300	90000	90000			
109	12.79	2790	82700	84500	90000	90000			
130	10.74	2340	82700	84500	90000	90000			
9.8	143.47*	9090	65000	65000	65000	65000			
12	121.46	9090	65000	65000	65000	65000			
12	112.41*	9090	65000	65000	65000	65000			
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	8090	65000	65000	65000	65000	K 107 DRS 132S4	335	466
43	32.69	6230	65000	65000	65000	65000	KF 107 DRS 132S4	345	467
45	31.28*	6840	65000	65000	65000	65000	KA 107 DRS 132S4	305	468
48	29.00	6000	65000	65000	65000	65000	KAF 107 DRS 132S4	330	467
53	26.32	5750	65000	65000	65000	65000			
62	22.62	4940	65000	65000	65000	65000			
71	19.74	4310	65000	65000	65000	65000			
84	16.75	3660	65000	65000	65000	65000			
96	14.64	3200	65000	65000	65000	65000			
104	13.43	2930	65000	65000	65000	65000			
119	11.73	2560	65000	65000	65000	65000			
141	9.94	2170	65000	65000	65000	65000			
161	8.69	1900	65000	65000	65000	65000			
190	7.35	1600	65000	65000	65000	65000			
11	123.93*	4710	40000	38300	40000	40000			
13	105.13	4710	40000	38300	40000	40000			
14	96.80	4710	40000	38300	40000	40000			
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000	K 97 DRS 132S4	220	462
41	34.23	4710	40000	38300	40000	40000	KF 97 DRS 132S4	240	463
45	30.82	4710	40000	38300	40000	40000	KA 97 DRS 132S4	200	464
50	27.91	4710	40000	38300	40000	40000	KAF 97 DRS 132S4	225	463
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4140	40000	38900	40000	40000			
85	16.56	3620	40000	39300	40000	40000			
101	13.85	3020	40000	39700	40000	40000			
117	11.99	2620	40000	39900	40000	40000			
134	10.41	2270	40000	40000	40000	40000			
161	8.71	1900	40000	40000	40000	40000			
186	7.54	1640	40000	40000	40000	40000			

22121099/DE – 11/2015

DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
14	102.71*	3240	26500	25600	30000	30000			
16	86.34	3240	26500	25600	30000	30000			
18	79.34	3240	26500	25600	30000	30000			
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000	K 87	DRS 132S4	160 458
50	27.88	3240	26500	25600	30000	30000	KF 87	DRS 132S4	170 459
56	24.92	3240	26500	25600	30000	30000	KA 87	DRS 132S4	150 460
62	22.41	3240	26500	25600	30000	30000	KAF 87	DRS 132S4	160 459
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	2740	27200	26200	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2180	27800	26800	30000	30000			
169	8.29	1810	28200	27100	30000	30000			
194	7.21	1570	28400	27300	30000	30000			
18	78.07	1550	15400	16600	20000	20000			
19	73.99	1550	15400	16600	20000	20000			
22	64.75	1550	15400	16600	20000	20000			
24	58.34	1550	15400	16600	20000	20000			
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
45	30.89	1550	15400	16600	20000	20000			
48	29.27	1550	15400	16600	20000	20000	K 77	DRS 132S4	125 454
55	25.62	1550	15400	16600	20000	20000	KF 77	DRS 132S4	135 455
61	23.08	1550	15400	16600	20000	20000	KA 77	DRS 132S4	120 456
69	20.25	1550	15400	16600	20000	20000	KAF 77	DRS 132S4	125 455
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			
23	60.66	920	9310	9310	13000	13000			
24	57.28	920	9310	9310	13000	13000			
29	48.77	920	9310	9310	13000	13000			
32	44.32	920	9310	9310	13000	13000			
36	38.39	920	9310	9310	13000	13000			
58	24.00	920	9310	9310	13000	13000			
62	22.66	920	9310	9310	13000	13000			
73	19.30	920	9310	9310	13000	13000	K 67	DRS 132S4	100 450
80	17.54	920	9310	9310	13000	13000	KF 67	DRS 132S4	105 451
92	15.19	920	9310	9310	13000	13000	KA 67	DRS 132S4	98 452
106	13.22	920	9310	9310	13000	13000	KAF 67	DRS 132S4	105 451
112	12.48	695	11300	11300	13000	13000			
132	10.63	690	11300	11300	13000	13000			
145	9.66	685	11400	11400	13000	13000			
167	8.37	660	11500	11500	13000	13000			
192	7.28	630	11700	11700	13000	13000			
269	5.20	525	12300	12300	13000	13000			

DRS132S4BF11 / DRS132S4BT11/U**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg			
			K	KF	KA	KAF					
23	60.81*	665	4700	4700	11500	11500		95	446		
24	57.42*	665	4700	4700	11500	11500					
29	48.89	665	4700	4700	11500	11500					
32	44.43	665	4700	4700	11500	11500					
36	38.49	665	4700	4700	11500	11500					
58	24.05	665	4700	4700	11500	11500					
62	22.71	665	4700	4700	11500	11500					
72	19.34	665	4700	4700	11500	11500					
80	17.57	665	4700	4700	11500	11500					
92	15.22	665	4700	4700	11500	11500					
106	13.25	665	4700	4700	11500	11500					
117	11.92	585	7420	7660	11500	11500					
124	11.26	585	7420	7660	11500	11500					
146	9.59	585	7420	7660	11500	11500					
161	8.71	585	7420	7660	11500	11500					
185	7.55	545	7740	7920	11500	11500					
213	6.57	515	7990	8110	11500	11500					
299	4.69	450	8520	8520	11500	11500					
								K 57	DRS 132S4	95	446
								KF 57	DRS 132S4	100	447
								KA 57	DRS 132S4	93	448
								KAF 57	DRS 132S4	98	447

K 57 DRS 132S4 95 446
KF 57 DRS 132S4 100 447
KA 57 DRS 132S4 93 448
KAF 57 DRS 132S4 98 447

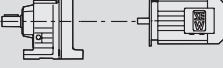
DRS132M4BF11 / DRS132M4BT11/U**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
9.6	146.07	14800	76400	75700	90000	90000		510	470
10	136.14	14800	76400	75700	90000	90000			
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	13600	78700	80100	90000	90000			
26	54.07	11800	79800	81600	90000	90000			
29	47.82	10400	80500	82300	90000	90000			
35	40.19	8780	81200	82900	90000	90000			
39	36.25	7920	81500	83200	90000	90000			
45	31.37	6850	81800	83600	90000	90000			
51	27.68	6050	82000	83800	90000	90000			
59	23.91	5220	82200	84000	90000	90000			
66	21.15	4620	82400	84200	90000	90000			
79	17.77	3880	82500	84300	90000	90000			
109	12.79	2790	82700	84500	90000	90000			
130	10.74	2340	82700	84500	90000	90000			

K 127 DRS 132M4 510 470
KF 127 DRS 132M4 550 471
KA 127 DRS 132M4 480 472
KAF 127 DRS 132M4 520 471

DRS132M4BF11 / DRS132M4BT11/U

 $n_e = 1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
9.8	143.47*	9090	65000	65000	65000	65000			
12	121.46	9090	65000	65000	65000	65000			
12	112.41*	9090	65000	65000	65000	65000			
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	8090	65000	65000	65000	65000			
43	32.69	6230	65000	65000	65000	65000			
45	31.28*	6840	65000	65000	65000	65000			
48	29.00	6000	65000	65000	65000	65000			
53	26.32	5750	65000	65000	65000	65000			
62	22.62	4940	65000	65000	65000	65000			
71	19.74	4310	65000	65000	65000	65000			
84	16.75	3660	65000	65000	65000	65000			
96	14.64	3200	65000	65000	65000	65000			
104	13.43	2930	65000	65000	65000	65000			
119	11.73	2560	65000	65000	65000	65000			
141	9.94	2170	65000	65000	65000	65000			
161	8.69	1900	65000	65000	65000	65000			
190	7.35	1600	65000	65000	65000	65000			
11	123.93*	4710	40000	38300	40000	40000			
13	105.13	4710	40000	38300	40000	40000			
14	96.80	4710	40000	38300	40000	40000			
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4140	40000	38900	40000	40000			
85	16.56	3620	40000	39300	40000	40000			
101	13.85	3020	40000	39700	40000	40000			
117	11.99	2620	40000	39900	40000	40000			
134	10.41	2270	40000	40000	40000	40000			
161	8.71	1900	40000	40000	40000	40000			
186	7.54	1640	40000	40000	40000	40000			

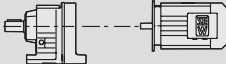
K	107	DRS 132M4	350	466
KF	107	DRS 132M4	360	467
KA	107	DRS 132M4	320	468
KAF	107	DRS 132M4	345	467

K	97	DRS 132M4	235	462
KF	97	DRS 132M4	255	463
KA	97	DRS 132M4	215	464
KAF	97	DRS 132M4	240	463

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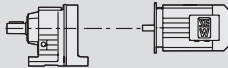
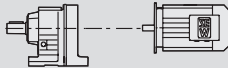
DRS132M4BF11 / DRS132M4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
14	102.71*	3240	26500	25600	30000	30000			
16	86.34	3240	26500	25600	30000	30000			
18	79.34	3240	26500	25600	30000	30000			
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000	K 87	DRS 132M4	175 458
50	27.88	3240	26500	25600	30000	30000	KF 87	DRS 132M4	185 459
56	24.92	3240	26500	25600	30000	30000	KA 87	DRS 132M4	165 460
62	22.41	3240	26500	25600	30000	30000	KAF 87	DRS 132M4	175 459
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	2740	27200	26200	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2180	27800	26800	30000	30000			
169	8.29	1810	28200	27100	30000	30000			
194	7.21	1570	28400	27300	30000	30000			
18	78.07	1550	15400	16600	20000	20000			
19	73.99	1550	15400	16600	20000	20000			
22	64.75	1550	15400	16600	20000	20000			
24	58.34	1550	15400	16600	20000	20000			
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
45	30.89	1550	15400	16600	20000	20000			
48	29.27	1550	15400	16600	20000	20000	K 77	DRS 132M4	140 454
55	25.62	1550	15400	16600	20000	20000	KF 77	DRS 132M4	145 455
61	23.08	1550	15400	16600	20000	20000	KA 77	DRS 132M4	130 456
69	20.25	1550	15400	16600	20000	20000	KAF 77	DRS 132M4	140 455
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			
23	60.66	920	9310	9310	13000	13000			
24	57.28	920	9310	9310	13000	13000			
29	48.77	920	9310	9310	13000	13000			
32	44.32	920	9310	9310	13000	13000			
36	38.39	920	9310	9310	13000	13000			
58	24.00	920	9310	9310	13000	13000			
62	22.66	920	9310	9310	13000	13000			
73	19.30	920	9310	9310	13000	13000	K 67	DRS 132M4	115 450
80	17.54	920	9310	9310	13000	13000	KF 67	DRS 132M4	120 451
92	15.19	920	9310	9310	13000	13000	KA 67	DRS 132M4	110 452
106	13.22	920	9310	9310	13000	13000	KAF 67	DRS 132M4	115 451
112	12.48	695	11300	11300	13000	13000			
132	10.63	690	11300	11300	13000	13000			
145	9.66	685	11400	11400	13000	13000			
167	8.37	660	11500	11500	13000	13000			
192	7.28	630	11700	11700	13000	13000			
269	5.20	525	12300	12300	13000	13000			

DRS132M4BF11 / DRS132M4BT11/U

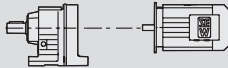
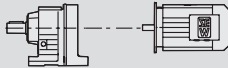
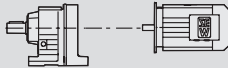
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
23	60.81*	665	4700	4700	11500	11500		K 57 DRS 132M4 110 446 KF 57 DRS 132M4 115 447 KA 57 DRS 132M4 105 448 KAF 57 DRS 132M4 110 447	
24	57.42*	665	4700	4700	11500	11500			
29	48.89	665	4700	4700	11500	11500			
32	44.43	665	4700	4700	11500	11500			
36	38.49	665	4700	4700	11500	11500			
58	24.05	665	4700	4700	11500	11500			
62	22.71	665	4700	4700	11500	11500			
72	19.34	665	4700	4700	11500	11500			
80	17.57	665	4700	4700	11500	11500			
92	15.22	665	4700	4700	11500	11500			
106	13.25	665	4700	4700	11500	11500			
117	11.92	585	7420	7660	11500	11500			
124	11.26	585	7420	7660	11500	11500			
146	9.59	585	7420	7660	11500	11500			
161	8.71	585	7420	7660	11500	11500			
185	7.55	545	7740	7920	11500	11500			
213	6.57	515	7990	8110	11500	11500			
299	4.69	450	8520	8520	11500	11500			

10

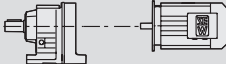
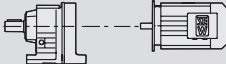
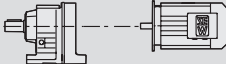
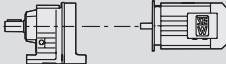
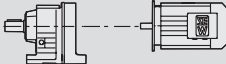
DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
10	136.14	14800	76400	75700	90000	90000		K 127 DRS 132MC4 510 470 KF 127 DRS 132MC4 550 471 KA 127 DRS 132MC4 485 472 KAF 127 DRS 132MC4 520 471	
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	13700	78500	79700	90000	90000			
39	36.25	8250	81400	83100	90000	90000			
45	31.37	7820	81500	83300	90000	90000			
51	27.68	7470	81600	83400	90000	90000			
59	23.91	7030	81800	83500	90000	90000			
66	21.15	6650	81900	83600	90000	90000			
79	17.77	6090	82000	83800	90000	90000			
98	14.35	5240	82200	84000	90000	90000			
109	12.79	4020	82500	84300	90000	90000			
130	10.74	3680	82500	84300	90000	90000			
161	8.68	3170	82600	84400	90000	90000			
12	112.41*	9090	65000	65000	65000	65000		K 107 DRS 132MC4 350 466 KF 107 DRS 132MC4 365 467 KA 107 DRS 132MC4 325 468 KAF 107 DRS 132MC4 345 467	
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	6310	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	6090	65000	65000	65000	65000			
53	26.32	5880	65000	65000	65000	65000			
62	22.62	5540	65000	65000	65000	65000			
71	19.74	5240	65000	65000	65000	65000			
84	16.75	4850	65000	65000	65000	65000			
96	14.64	4530	65000	65000	65000	65000			
104	13.43	3290	65000	65000	65000	65000			
119	11.73	3110	65000	65000	65000	65000			
141	9.94	2880	65000	65000	65000	65000			
161	8.69	2690	65000	65000	65000	65000			
190	7.35	2480	65000	65000	65000	65000			

DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
14	96.80	4710	40000	38300	40000	40000			
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4590	40000	38400	40000	40000			
101	13.85	4180	40000	38800	40000	40000			
117	11.99	3860	40000	39100	40000	40000			
134	10.41	2880	40000	39800	40000	40000			
161	8.71	2630	40000	39900	40000	40000			
186	7.54	2430	40000	40000	40000	40000			
18	79.34	3240	26500	25600	30000	30000			
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			
24	58.34	1550	15400	16600	20000	20000			
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			
32	44.32	920	9310	9310	13000	13000			
36	38.39	920	9310	9310	13000	13000			
80	17.54	920	9310	9310	13000	13000			
92	15.19	920	9310	9310	13000	13000			
106	13.22	920	9310	9310	13000	13000			
145	9.66	685	11400	11400	13000	13000			
167	8.37	660	11500	11500	13000	13000			
192	7.28	630	11700	11700	13000	13000			

K 97 DRS 132MC4 235 462
 KF 97 DRS 132MC4 255 463
 KA 97 DRS 132MC4 220 464
 KAF 97 DRS 132MC4 245 463

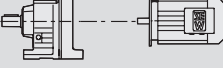
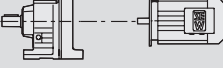
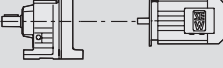
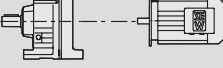
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 KF 87 DRS 132MC4 185 459
 KA 87 DRS 132MC4 165 460
 KAF 87 DRS 132MC4 180 459

K 77 DRS 132MC4 140 454
 KF 77 DRS 132MC4 150 455
 KA 77 DRS 132MC4 135 456
 KAF 77 DRS 132MC4 140 455

K 67 DRS 132MC4 115 450
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 KAF 67 DRS 132MC4 120 451

DRS160S4BF20 / DRS160S4BT20/U

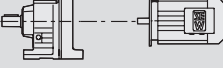
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	39300	190000	-	-	-		1740	479
8.5	165.21	36100	190000	-	-	-			
9.7	144.59	31600	190000	-	-	-			
11	129.69	28300	190000	-	-	-			
12	112.60	24600	190000	-	-	-			
14	102.16	22300	190000	-	-	-			
16	88.00	19200	190000	-	-	-			
33	42.51	9290	190000	-	-	-			
36	38.57	8430	190000	-	-	-			
42	33.23	7260	190000	-	-	-			
8.5	164.50	32100	150000	-	-	-		1160	478
10	134.99	29500	150000	-	-	-			
13	109.83	24000	150000	-	-	-			
16	87.86	19200	150000	-	-	-			
18	78.14	17000	150000	-	-	-			
21	68.07	14800	150000	-	-	-			
23	60.74	13200	150000	-	-	-			
27	51.77	11300	150000	-	-	-			
43	32.25	7050	150000	-	-	-			
49	28.77	6290	150000	-	-	-			
57	24.52	5360	150000	-	-	-			
9.3	150.41	21800	110000	106200	120000	120000		770	474
11	122.39	21800	110000	106200	120000	120000			
14	100.22	21800	110000	106200	120000	120000			
15	91.65	20000	111100	107200	120000	120000			
18	79.75	17400	112500	108500	120000	120000			
20	70.38	15300	113400	109400	120000	120000			
23	61.02	13300	114200	110200	120000	120000			
26	54.29	11800	114800	110700	120000	120000			
30	46.79	10200	115200	111200	120000	120000			
45	31.30	6840	116000	111900	120000	120000			
51	27.62	6040	116200	112000	120000	120000			
58	23.95	5230	116300	112200	120000	120000			
66	21.31	4660	116400	112200	120000	120000			
76	18.37	4010	116400	112300	120000	120000			
10	136.14	14800	76400	75700	90000	90000			
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	13600	78700	80100	90000	90000			
26	54.07	11800	79800	81600	90000	90000			
29	47.82	10400	80500	82300	90000	90000			
35	40.19	8780	81200	82900	90000	90000			
39	36.25	7920	81500	83200	90000	90000			
45	31.37	6850	81800	83600	90000	90000			
51	27.68	6050	82000	83800	90000	90000			
59	23.91	5220	82200	84000	90000	90000			
66	21.15	4620	82400	84200	90000	90000			
79	17.77	3880	82500	84300	90000	90000			
109	12.79	2790	82700	84500	90000	90000			
130	10.74	2340	82700	84500	90000	90000			

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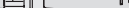
DRS160S4BF20 / DRS160S4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
12	112.41*	9090	65000	65000	65000	65000			
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	8090	65000	65000	65000	65000			
43	32.69	7140	65000	65000	65000	65000			
45	31.28*	6840	65000	65000	65000	65000	K 107 DRS 160S4	380	466
48	29.00	6340	65000	65000	65000	65000	KF 107 DRS 160S4	390	467
53	26.32	5750	65000	65000	65000	65000	KA 107 DRS 160S4	355	468
62	22.62	4940	65000	65000	65000	65000	KAF 107 DRS 160S4	375	467
71	19.74	4310	65000	65000	65000	65000			
84	16.75	3660	65000	65000	65000	65000			
96	14.64	3200	65000	65000	65000	65000			
104	13.43	2930	65000	65000	65000	65000			
119	11.73	2560	65000	65000	65000	65000			
141	9.94	2170	65000	65000	65000	65000			
161	8.69	1900	65000	65000	65000	65000			
190	7.35	1600	65000	65000	65000	65000			
14	96.80	4710	40000	38300	40000	40000			
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000	K 97 DRS 160S4	265	462
45	30.82	4710	40000	38300	40000	40000	KF 97 DRS 160S4	285	463
50	27.91	4710	40000	38300	40000	40000	KA 97 DRS 160S4	250	464
57	24.75	4710	40000	38300	40000	40000	KAF 97 DRS 160S4	275	463
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4140	40000	38900	40000	40000			
85	16.56	3620	40000	39300	40000	40000			
101	13.85	3020	40000	39700	40000	40000			
117	11.99	2620	40000	39900	40000	40000			
134	10.41	2270	40000	40000	40000	40000			
161	8.71	1900	40000	40000	40000	40000			
186	7.54	1640	40000	40000	40000	40000			
18	79.34	3240	26500	25600	30000	30000			
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000	K 87 DRS 160S4	205	458
56	24.92	3240	26500	25600	30000	30000	KF 87 DRS 160S4	215	459
62	22.41	3240	26500	25600	30000	30000	KA 87 DRS 160S4	195	460
72	19.45	3240	26500	25600	30000	30000	KAF 87 DRS 160S4	210	459
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	2740	27200	26200	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2180	27800	26800	30000	30000			
169	8.29	1810	28200	27100	30000	30000			
194	7.21	1570	28400	27300	30000	30000			

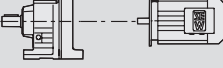
$n_e=1400$ rpm

$n_e=1400$ rpm



DRS160M4BF20 / DRS160M4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
10	136.14	14800	76400	75700	90000	90000			
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14600	76800	76400	90000	90000			
39	36.25	10400	80500	82200	90000	90000			
45	31.37	9940	80700	82400	90000	90000			
51	27.68	9530	80900	82600	90000	90000			
59	23.91	8730	81200	83000	90000	90000			
66	21.15	7720	81600	83300	90000	90000			
79	17.77	6490	81900	83700	90000	90000			
98	14.35	5240	82200	84000	90000	90000			
109	12.79	4670	82400	84100	90000	90000			
130	10.74	3920	82500	84300	90000	90000			
161	8.68	3170	82600	84400	90000	90000			
12	112.41*	9090	65000	65000	65000	65000			
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8000	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	7720	65000	65000	65000	65000			
53	26.32	7470	65000	65000	65000	65000			
62	22.62	7060	65000	65000	65000	65000			
71	19.74	6700	65000	65000	65000	65000			
84	16.75	6110	65000	65000	65000	65000			
96	14.64	5340	65000	65000	65000	65000			
104	13.43	4190	65000	65000	65000	65000			
119	11.73	3970	65000	65000	65000	65000			
141	9.94	3630	65000	65000	65000	65000			
161	8.69	3170	65000	65000	65000	65000			
190	7.35	2680	65000	65000	65000	65000			
14	96.80	4710	40000	38300	40000	40000			
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4380	40000	38600	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3180	40000	39600	40000	40000			
186	7.54	2750	40000	39800	40000	40000			

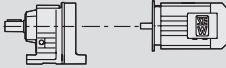
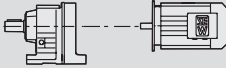
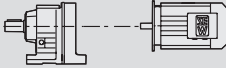
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 KF 127 DRS 160M4 590 471
 KA 127 DRS 160M4 520 472
 KAF 127 DRS 160M4 550 471

K 107 DRS 160M4 390 466
 KF 107 DRS 160M4 400 467
 KA 107 DRS 160M4 360 468
 KAF 107 DRS 160M4 385 467

K 97 DRS 160M4 275 462
 KF 97 DRS 160M4 295 463
 KA 97 DRS 160M4 255 464
 KAF 97 DRS 160M4 280 463

DRS160M4BF20 / DRS160M4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
18	79.34	3240	26500	25600	30000	30000		215	458
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			
24	58.34	1550	15400	16600	20000	20000		180	454
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			

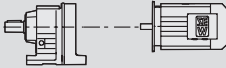
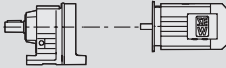
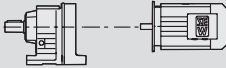
K 87 DRS 160M4 215 458
 KF 87 DRS 160M4 225 459
 KA 87 DRS 160M4 205 460
 KAF 87 DRS 160M4 215 459

K 77 DRS 160M4 180 454
 KF 77 DRS 160M4 190 455
 KA 77 DRS 160M4 175 456
 KAF 77 DRS 160M4 180 455

10

DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e=1400$ rpm

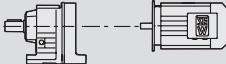
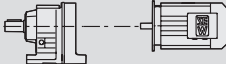
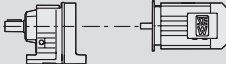
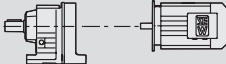
n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	49600	190000	-	-	-		1760	479
8.5	165.21	48500	190000	-	-	-			
9.7	144.59	46600	190000	-	-	-			
11	129.69	45100	190000	-	-	-			
12	112.60	41100	190000	-	-	-			
14	102.16	37300	190000	-	-	-			
16	88.00	32100	190000	-	-	-			
19	73.96	27000	190000	-	-	-			
33	42.51	15500	190000	-	-	-			
36	38.57	14000	190000	-	-	-			
42	33.23	12100	190000	-	-	-			
50	27.92	10200	190000	-	-	-			
8.5	164.50	32100	150000	-	-	-		1180	478
10	134.99	31300	150000	-	-	-			
13	109.83	29300	150000	-	-	-			
16	87.86	27500	150000	-	-	-			
18	78.14	26500	150000	-	-	-			
21	68.07	24800	150000	-	-	-			
23	60.74	22100	150000	-	-	-			
27	51.77	18900	150000	-	-	-			
33	42.89	15600	150000	-	-	-			
43	32.25	11700	150000	-	-	-			
49	28.77	10500	150000	-	-	-			
57	24.52	8960	150000	-	-	-			
69	20.32	7420	150000	-	-	-			

K 187 DRS 160MC4 1760 479

K 167 DRS 160MC4 1180 478

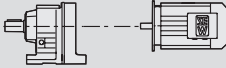
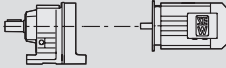
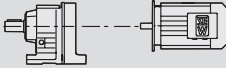
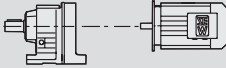
DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}$ N					m kg	
			K	KF	KA	KAF			
9.3	150.41	21800	110000	106200	120000	120000		K 157 DRS 160MC4 780 474 KF 157 DRS 160MC4 860 475 KA 157 DRS 160MC4 750 476 KAF 157 DRS 160MC4 800 475	
11	122.39	21800	110000	106200	120000	120000			
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	19800	111200	107300	120000	120000			
30	46.79	17100	112600	108600	120000	120000			
37	38.02	13800	114000	110000	120000	120000			
45	31.30	10200	115200	111200	120000	120000			
51	27.62	9860	115300	111200	120000	120000			
58	23.95	8750	115600	111500	120000	120000			
66	21.31	7780	115800	111700	120000	120000			
76	18.37	6710	116000	111900	120000	120000			
94	14.92	5450	116200	112100	120000	120000			
10	136.14	14800	76400	75700	90000	90000		K 127 DRS 160MC4 550 470 KF 127 DRS 160MC4 590 471 KA 127 DRS 160MC4 520 472 KAF 127 DRS 160MC4 560 471	
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14600	76800	76400	90000	90000			
39	36.25	10400	80500	82200	90000	90000			
45	31.37	9940	80700	82400	90000	90000			
51	27.68	9530	80900	82600	90000	90000			
59	23.91	8730	81200	83000	90000	90000			
66	21.15	7720	81600	83300	90000	90000			
79	17.77	6490	81900	83700	90000	90000			
98	14.35	5240	82200	84000	90000	90000			
109	12.79	4670	82400	84100	90000	90000			
130	10.74	3920	82500	84300	90000	90000			
161	8.68	3170	82600	84400	90000	90000			
12	112.41*	9090	65000	65000	65000	65000		K 107 DRS 160MC4 395 466 KF 107 DRS 160MC4 405 467 KA 107 DRS 160MC4 365 468 KAF 107 DRS 160MC4 390 467	
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8000	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	7720	65000	65000	65000	65000			
53	26.32	7470	65000	65000	65000	65000			
62	22.62	7060	65000	65000	65000	65000			
71	19.74	6700	65000	65000	65000	65000			
84	16.75	6110	65000	65000	65000	65000			
96	14.64	5340	65000	65000	65000	65000			
104	13.43	4190	65000	65000	65000	65000			
119	11.73	3970	65000	65000	65000	65000			
141	9.94	3630	65000	65000	65000	65000			
161	8.69	3170	65000	65000	65000	65000			
190	7.35	2680	65000	65000	65000	65000			

DRS160MC4BF20 / DRS160MC4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
14	96.80	4710	40000	38300	40000	40000		280	462
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4380	40000	38600	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3180	40000	39600	40000	40000			
186	7.54	2750	40000	39800	40000	40000			
18	79.34	3240	26500	25600	30000	30000		220	458
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			
24	58.34	1550	15400	16600	20000	20000		185	454
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			

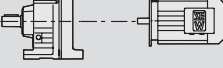
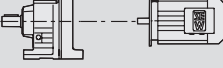
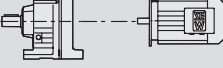
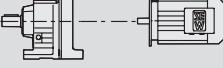
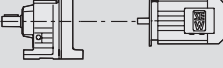
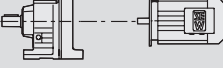
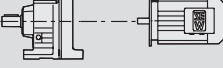
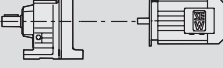
K 97 DRS 160MC4 280 462
 KF 97 DRS 160MC4 300 463
 KA 97 DRS 160MC4 260 464
 KAF 97 DRS 160MC4 285 463

K 87 DRS 160MC4 220 458
 KF 87 DRS 160MC4 230 459
 KA 87 DRS 160MC4 210 460
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K 77 DRS 160MC4 185 454
 KF 77 DRS 160MC4 195 455
 KA 77 DRS 160MC4 180 456
 KAF 77 DRS 160MC4 185 455

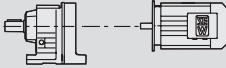
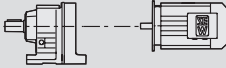
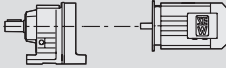
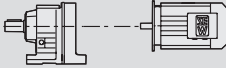
DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-		187	479
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55400	190000	-	-	-			
19	73.96	46500	190000	-	-	-			
33	42.51	26700	190000	-	-	-			
36	38.57	24200	190000	-	-	-			
42	33.23	20900	190000	-	-	-		1810	479
50	27.92	17500	190000	-	-	-			
8.5	164.50	32100	150000	-	-	-			
10	134.99	32100	150000	-	-	-			
13	109.83	32100	150000	-	-	-			
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	27000	150000	-	-	-		1230	478
43	32.25	20300	150000	-	-	-			
49	28.77	18100	150000	-	-	-			
57	24.52	15400	150000	-	-	-			
69	20.32	12700	150000	-	-	-			
9.3	150.41	21800	110000	106200	120000	120000			
11	122.39	21800	110000	106200	120000	120000			
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000		840	474
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	19700	111300	107400	120000	120000			
51	27.62	17400	112500	108500	120000	120000			
58	23.95	15000	113600	109600	120000	120000			
66	21.31	13400	114200	110200	120000	120000			
76	18.37	11500	114800	110800	120000	120000		860	475
94	14.92	9400	115400	111400	120000	120000			
10	136.14	14800	76400	75700	90000	90000			
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000		610	470
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000			
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000		650	471
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			

DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
12	112.41*	9090	65000	65000	65000	65000		450	466
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8430	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	8400	65000	65000	65000	65000			
53	26.32	8370	65000	65000	65000	65000			
62	22.62	8320	65000	65000	65000	65000			
71	19.74	8270	65000	65000	65000	65000			
84	16.75	8160	65000	65000	65000	65000			
96	14.64	8060	65000	65000	65000	65000			
104	13.43	4940	65000	65000	65000	65000			
119	11.73	4910	65000	65000	65000	65000			
141	9.94	4840	65000	65000	65000	65000			
161	8.69	4780	65000	65000	65000	65000			
190	7.35	4620	65000	65000	65000	65000			
14	96.80	4710	40000	38300	40000	40000		340	462
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4710	40000	38300	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3590	40000	39300	40000	40000			
186	7.54	3560	40000	39300	40000	40000			
18	79.34	3240	26500	25600	30000	30000		280	458
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			

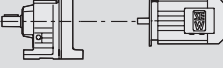
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KF	107	DRS 180S4	465	467
KA	107	DRS 180S4	425	468
KAF	107	DRS 180S4	450	467

K	97	DRS 180S4	340	462
KF	97	DRS 180S4	360	463
KA	97	DRS 180S4	320	464
KAF	97	DRS 180S4	345	463

K	87	DRS 180S4	280	458
KF	87	DRS 180S4	285	459
KA	87	DRS 180S4	265	460
KAF	87	DRS 180S4	280	459

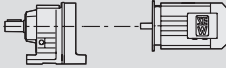
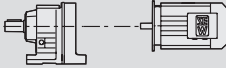
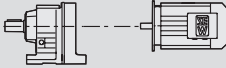
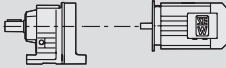
DRS180M4BF30 / DRS180M4BT30/U

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-	K 187 DRS 180M4	1830	479
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55400	190000	-	-	-			
19	73.96	46500	190000	-	-	-			
22	64.04	40300	190000	-	-	-			
26	53.36	33600	190000	-	-	-			
31	45.50*	28600	190000	-	-	-			
33	42.51	26700	190000	-	-	-			
36	38.57	24200	190000	-	-	-			
42	33.23	20900	190000	-	-	-			
50	27.92	17500	190000	-	-	-			
58	24.18	15200	190000	-	-	-			
69	20.15	12600	190000	-	-	-			
81	17.18	10800	190000	-	-	-			
10	134.99	32100	150000	-	-	-	K 167 DRS 180M4	1250	478
13	109.83	32100	150000	-	-	-			
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	27000	150000	-	-	-			
38	36.61	23000	150000	-	-	-			
43	32.25	20300	150000	-	-	-			
49	28.77	18100	150000	-	-	-			
57	24.52	15400	150000	-	-	-			
69	20.32	12700	150000	-	-	-			
81	17.34	10900	150000	-	-	-			
11	122.39	21800	110000	106200	120000	120000	K 157 DRS 180M4 KF 157 DRS 180M4 KA 157 DRS 180M4 KAF 157 DRS 180M4	850	474
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	19700	111300	107400	120000	120000			
51	27.62	17400	112500	108500	120000	120000			
58	23.95	15000	113600	109600	120000	120000			
66	21.31	13400	114200	110200	120000	120000			
76	18.37	11500	114800	110800	120000	120000			
94	14.92	9400	115400	111400	120000	120000			
111	12.65	7970	115800	111700	120000	120000			
13	110.18	14800	76400	75700	90000	90000	K 127 DRS 180M4 KF 127 DRS 180M4 KA 127 DRS 180M4 KAF 127 DRS 180M4	620	470
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000			
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000			
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			

DRS180M4BF30 / DRS180M4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
15	90.96*	9090	65000	65000	65000	65000		470	466
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8430	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	8400	65000	65000	65000	65000			
53	26.32	8370	65000	65000	65000	65000			
62	22.62	8320	65000	65000	65000	65000			
71	19.74	8270	65000	65000	65000	65000			
84	16.75	8160	65000	65000	65000	65000			
96	14.64	8060	65000	65000	65000	65000			
104	13.43	4940	65000	65000	65000	65000			
119	11.73	4910	65000	65000	65000	65000			
141	9.94	4840	65000	65000	65000	65000			
161	8.69	4780	65000	65000	65000	65000			
190	7.35	4620	65000	65000	65000	65000			
18	77.89*	4710	40000	38300	40000	40000		355	462
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4710	40000	38300	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3590	40000	39300	40000	40000			
186	7.54	3560	40000	39300	40000	40000			
22	63.00*	3240	26500	25600	30000	30000		295	458
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			

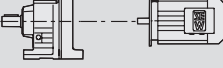
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 KF 107 DRS 180M4 480 467
 KA 107 DRS 180M4 440 468
 KAF 107 DRS 180M4 465 467

K 97 DRS 180M4 355 462
 KF 97 DRS 180M4 375 463
 KA 97 DRS 180M4 335 464
 KAF 97 DRS 180M4 360 463

K 87 DRS 180M4 295 458
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 KAF 87 DRS 180M4 295 459

DRS180L4BF30 / DRS180L4BT30/U

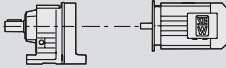
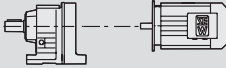
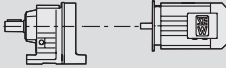
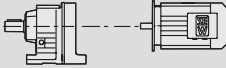
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-	K 187 DRS 180L4	1840	479
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55400	190000	-	-	-			
19	73.96	46500	190000	-	-	-			
22	64.04	40300	190000	-	-	-			
26	53.36	33600	190000	-	-	-			
31	45.50*	28600	190000	-	-	-			
33	42.51	26700	190000	-	-	-			
36	38.57	24200	190000	-	-	-			
42	33.23	20900	190000	-	-	-			
50	27.92	17500	190000	-	-	-			
58	24.18	15200	190000	-	-	-			
69	20.15	12600	190000	-	-	-			
81	17.18	10800	190000	-	-	-			
10	134.99	32100	150000	-	-	-	K 167 DRS 180L4	1260	478
13	109.83	32100	150000	-	-	-			
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	27000	150000	-	-	-			
38	36.61	23000	150000	-	-	-			
43	32.25	20300	150000	-	-	-			
49	28.77	18100	150000	-	-	-			
57	24.52	15400	150000	-	-	-			
69	20.32	12700	150000	-	-	-			
81	17.34	10900	150000	-	-	-			
11	122.39	21800	110000	106200	120000	120000	K 157 DRS 180L4 KF 157 DRS 180L4 KA 157 DRS 180L4 KAF 157 DRS 180L4	870	474
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	19700	111300	107400	120000	120000			
51	27.62	17400	112500	108500	120000	120000			
58	23.95	15000	113600	109600	120000	120000			
66	21.31	13400	114200	110200	120000	120000			
76	18.37	11500	114800	110800	120000	120000			
94	14.92	9400	115400	111400	120000	120000			
111	12.65	7970	115800	111700	120000	120000			
13	110.18	14800	76400	75700	90000	90000	K 127 DRS 180L4 KF 127 DRS 180L4 KA 127 DRS 180L4 KAF 127 DRS 180L4	630	470
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000			
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000			
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			

22121099/DE – 11/2015

DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
15	90.96*	9090	65000	65000	65000	65000		480	466
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8430	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	8400	65000	65000	65000	65000			
53	26.32	8370	65000	65000	65000	65000			
62	22.62	8320	65000	65000	65000	65000			
71	19.74	8270	65000	65000	65000	65000			
84	16.75	8160	65000	65000	65000	65000			
96	14.64	8060	65000	65000	65000	65000			
104	13.43	4940	65000	65000	65000	65000			
119	11.73	4910	65000	65000	65000	65000			
141	9.94	4840	65000	65000	65000	65000			
161	8.69	4780	65000	65000	65000	65000			
190	7.35	4620	65000	65000	65000	65000			
18	77.89*	4710	40000	38300	40000	40000		365	462
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4710	40000	38300	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3590	40000	39300	40000	40000			
186	7.54	3560	40000	39300	40000	40000			
22	63.00*	3240	26500	25600	30000	30000		305	458
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			

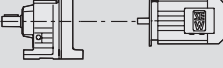
K 107 DRS 180L4 480 466
 KF 107 DRS 180L4 490 467
 KA 107 DRS 180L4 450 468
 KAF 107 DRS 180L4 475 467

K 97 DRS 180L4 365 462
 KF 97 DRS 180L4 385 463
 KA 97 DRS 180L4 345 464
 KAF 97 DRS 180L4 370 463

K 87 DRS 180L4 305 458
 KF 87 DRS 180L4 315 459
 KA 87 DRS 180L4 295 460
 KAF 87 DRS 180L4 305 459

DRS180LC4BF30 / DRS180LC4BT30/U

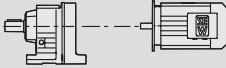
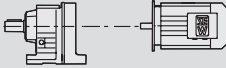
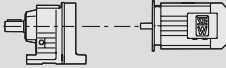
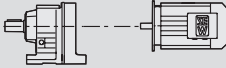
 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-	K 187 DRS 180LC4	1850	479
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55600	190000	-	-	-			
19	73.96	55600	190000	-	-	-			
22	64.04	48800	190000	-	-	-			
26	53.36	40700	190000	-	-	-			
31	45.50*	34700	190000	-	-	-			
33	42.51	32400	190000	-	-	-			
36	38.57	29400	190000	-	-	-			
42	33.23	25300	190000	-	-	-			
50	27.92	21300	190000	-	-	-			
58	24.18	18400	190000	-	-	-			
69	20.15	15300	190000	-	-	-			
81	17.18	13100	190000	-	-	-			
10	134.99	32100	150000	-	-	-	K 167 DRS 180LC4	1270	478
13	109.83	32100	150000	-	-	-			
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	32100	150000	-	-	-			
38	36.61	27900	150000	-	-	-			
43	32.25	24300	150000	-	-	-			
49	28.77	21900	150000	-	-	-			
57	24.52	18700	150000	-	-	-			
69	20.32	15500	150000	-	-	-			
81	17.34	13200	150000	-	-	-			
11	122.39	21800	110000	106200	120000	120000	K 157 DRS 180LC4 KF 157 DRS 180LC4 KA 157 DRS 180LC4 KAF 157 DRS 180LC4	880	474
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	20700	110700	106800	120000	120000			
51	27.62	19800	111200	107300	120000	120000			
58	23.95	18200	112100	108100	120000	120000			
66	21.31	16200	113000	109100	120000	120000			
76	18.37	14000	114000	109900	120000	120000			
94	14.92	11300	114900	110800	120000	120000			
111	12.65	9650	115400	111300	120000	120000			
13	110.18	14800	76400	75700	90000	90000	K 127 DRS 180LC4 KF 127 DRS 180LC4 KA 127 DRS 180LC4 KAF 127 DRS 180LC4	640	470
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	14800	76400	75700	90000	90000			
79	17.77	13500	78900	80400	90000	90000			
98	14.35	10900	80300	82000	90000	90000			
109	12.79	9680	80800	82600	90000	90000			
130	10.74	8190	81400	83100	90000	90000			
161	8.68	6620	81900	83700	90000	90000			

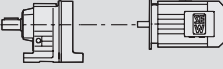
22121099/DE – 11/2015

DRS180LC4BF30 / DRS180LC4BT30/U

 $n_e=1400$ rpm

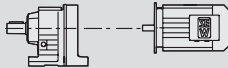
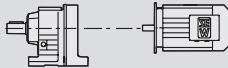
n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
15	90.96*	9090	65000	65000	65000	65000		K 107 DRS 180LC4 490 466 KF 107 DRS 180LC4 500 467 KA 107 DRS 180LC4 465 468 KAF 107 DRS 180LC4 490 467	
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8430	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	8400	65000	65000	65000	65000			
53	26.32	8370	65000	65000	65000	65000			
62	22.62	8320	65000	65000	65000	65000			
71	19.74	8270	65000	65000	65000	65000			
84	16.75	8160	65000	65000	65000	65000			
96	14.64	8060	65000	65000	65000	65000			
104	13.43	4940	65000	65000	65000	65000			
119	11.73	4910	65000	65000	65000	65000			
141	9.94	4840	65000	65000	65000	65000			
161	8.69	4780	65000	65000	65000	65000			
190	7.35	4720	65000	65000	65000	65000			
18	77.89*	4710	40000	38300	40000	40000		K 97 DRS 180LC4 375 462 KF 97 DRS 180LC4 395 463 KA 97 DRS 180LC4 360 464 KAF 97 DRS 180LC4 385 463	
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4710	40000	38300	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3590	40000	39300	40000	40000			
186	7.54	3560	40000	39300	40000	40000			
22	63.00*	3240	26500	25600	30000	30000		K 87 DRS 180LC4 315 458 KF 87 DRS 180LC4 325 459 KA 87 DRS 180LC4 305 460 KAF 87 DRS 180LC4 320 459	
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			

10.1.4 Auswahltabellen S..DRS.. mit BF.. oder BT..

DRS112M4BF11 / DRS112M4BT11/U							$n_e=1400 \text{ rpm}$	
n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg
			S	SF	SA	SAF		
17	80.85	3940	33300	33300	40000	40000	S 97 DRS 112M4 205 492 SF 97 DRS 112M4 240 493 SA 97 DRS 112M4 200 494 SAF 97 DRS 112M4 225 493	
20	71.43	3850	33500	33500	40000	40000		
23	60.59	3730	33700	33700	40000	40000		
25	55.79	3660	33900	33900	40000	40000		
28	49.87	3570	34000	34000	40000	40000		
31	44.89	3480	34200	34200	40000	40000		
34	40.65	3380	34400	34400	40000	40000		
39	36.05	3300	34500	34500	40000	40000		
43	32.60	3200	34600	34600	40000	40000		
53	26.39	2870	35100	35100	40000	40000		
59	23.59	2790	35200	35200	40000	40000		
66	21.23	2630	35400	35400	40000	40000		
73	19.23	2380	35800	35800	40000	40000		
82	17.05	2110	36000	36000	40000	40000		
91	15.42	1910	36200	36200	40000	40000		
107	13.07	1630	36500	36500	40000	40000		
123	11.41	1420	36600	36600	40000	40000		
147	9.55	1190	36800	36800	40000	40000		
169	8.26	1030	36900	36900	40000	40000		
20	70.43	2240	28000	26800	30000	30000	S 87 DRS 112M4 145 488 SF 87 DRS 112M4 170 489 SA 87 DRS 112M4 145 490 SAF 87 DRS 112M4 160 489	
22	64.27	2210	28000	26800	30000	30000		
25	57.00*	2170	28100	26900	30000	30000		
29	47.91	2090	28300	27000	30000	30000		
32	44.03	2060	28300	27100	30000	30000		
36	39.10	2000	28400	27200	30000	30000		
40	34.96*	1940	28500	27300	30000	30000		
45	31.43	1890	28600	27400	30000	30000		
51	27.28	1810	28700	27500	30000	30000		
55	25.50*	1560	29000	27800	30000	30000		
65	21.43	1560	29000	27800	30000	30000		
71	19.70	1560	29000	27800	30000	30000		
80	17.49	1560	29000	27800	30000	30000		
90	15.64*	1560	29000	27800	30000	30000		
100	14.06	1550	29000	27800	30000	30000		
115	12.21	1480	29100	27900	30000	30000		
128	10.93	1350	29300	28000	30000	30000		
154	9.07	1120	29500	28200	30000	30000		
178	7.88	970	29700	28400	30000	30000		
26	53.87	1190	12400	12400	16000	16000	S 77 DRS 112M4 110 484 SF 77 DRS 112M4 120 485 SA 77 DRS 112M4 110 486 SAF 77 DRS 112M4 115 485	
28	49.38	1180	12500	12500	16000	16000		
32	43.33	1150	12700	12700	16000	16000		
34	41.07	1130	12900	12900	16000	16000		
39	35.94	1100	13100	13100	16000	16000		
43	32.38	1090	13200	13200	16000	16000		
49	28.41	1050	13500	13500	16000	16000		
56	25.07	1020	13700	13700	16000	16000		
61	22.89	920	14300	14300	16000	16000		
63	22.22	980	13900	13900	16000	16000		
67	20.99	920	14300	14300	16000	16000		
74	18.97	930	14200	14200	16000	16000		
76	18.42	920	14300	14300	16000	16000		
80	17.45	920	14300	14300	16000	16000		
92	15.28	920	14300	14300	16000	16000		
102	13.76	900	14400	14400	16000	16000		
116	12.07	870	14600	14600	16000	16000		
131	10.65	830	14800	14800	16000	16000		
148	9.44	800	14900	14900	16000	16000		
174	8.06	755	15100	15100	16000	16000		

DRS112M4BF11 / DRS112M4BT11/U

 $n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			S	SF	SA	SAF			
30	46.40*	610	7740	7740	12000	12000		91	480
33	41.89	595	7920	7920	12000	12000			
38	36.85	580	8080	8080	12000	12000			
40	34.80*	575	8140	8140	12000	12000			
47	29.63	550	8390	8390	12000	12000			
52	26.93	535	8540	8540	12000	12000			
60	23.33	515	8720	8720	12000	12000			
69	20.30*	490	8940	8940	12000	12000			
81	17.28*	455	9210	9210	12000	12000			
90	15.60*	455	9210	9210	12000	12000			
102	13.73*	455	9210	9210	12000	12000			
108	12.96*	455	9210	9210	12000	12000			
127	11.03	455	9210	9210	12000	12000			
140	10.03	450	9250	9250	12000	12000			
161	8.69	420	9460	9460	12000	12000			
185	7.56*	375	9740	9740	12000	12000			
			S	67	DRS 112M4	91	480		
			SF	67	DRS 112M4	98	481		
			SA	67	DRS 112M4	92	482		
			SAF	67	DRS 112M4	97	481		

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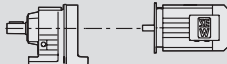
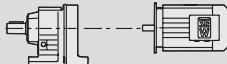
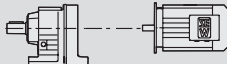
DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N					m kg			
			S	SF	SA	SAF					
20	71.43	3850	33500	33500	40000	40000		210	492		
23	60.59	3730	33700	33700	40000	40000					
25	55.79	3660	33900	33900	40000	40000					
28	49.87	3570	34000	34000	40000	40000					
31	44.89	3480	34200	34200	40000	40000					
34	40.65	3380	34400	34400	40000	40000					
39	36.05	3300	34500	34500	40000	40000					
43	32.60	3200	34600	34600	40000	40000					
53	26.39	2870	35100	35100	40000	40000					
59	23.59	2790	35200	35200	40000	40000					
66	21.23	2710	35300	35300	40000	40000					
73	19.23	2630	35500	35500	40000	40000					
82	17.05	2570	35500	35500	40000	40000					
91	15.42	2470	35700	35600	40000	40000					
107	13.07	2330	35800	35800	40000	40000					
123	11.41	2210	35900	35900	40000	40000					
147	9.55	1980	36200	36200	40000	40000					
169	8.26	1720	36400	36400	40000	40000					
25	57.00*	2170	28100	26900	30000	30000					150
29	47.91	2090	28300	27000	30000	30000					
32	44.03	2060	28300	27100	30000	30000					
36	39.10	2000	28400	27200	30000	30000					
40	34.96*	1940	28500	27300	30000	30000					
45	31.43	1890	28600	27400	30000	30000					
51	27.28	1810	28700	27500	30000	30000					
55	25.50*	1560	29000	27800	30000	30000					
57	24.43	1740	28800	27600	30000	30000					
65	21.43	1560	29000	27800	30000	30000					
69	20.27	1630	29000	27700	30000	30000					
71	19.70	1560	29000	27800	30000	30000					
80	17.49	1560	29000	27800	30000	30000					
90	15.64*	1560	29000	27800	30000	30000					
100	14.06	1550	29000	27800	30000	30000					
115	12.21	1480	29100	27900	30000	30000					
128	10.93	1420	29200	27900	30000	30000					
154	9.07	1320	29300	28000	30000	30000					
178	7.88	1230	29400	28100	30000	30000					
							S	97	DRS 132S4	230	493
							SF	97	DRS 132S4	205	494
							SA	97	DRS 132S4	240	493
							SAF	97	DRS 132S4	205	494

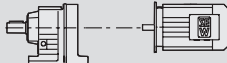
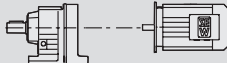
DRS132S4BF11 / DRS132S4BT11/U

 $n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg		
			S	SF	SA	SAF				
32	43.33	1150	12700	12700	16000	16000		115	484	
34	41.07	1130	12900	12900	16000	16000				
39	35.94	1100	13100	13100	16000	16000				
43	32.38	1090	13200	13200	16000	16000				
49	28.41	1050	13500	13500	16000	16000				
56	25.07	1020	13700	13700	16000	16000				
63	22.22	980	13900	13900	16000	16000				
74	18.97	930	14200	14200	16000	16000				
76	18.42	920	14300	14300	16000	16000				
80	17.45	920	14300	14300	16000	16000				
92	15.28	920	14300	14300	16000	16000				
102	13.76	900	14400	14400	16000	16000				
116	12.07	870	14600	14600	16000	16000				
131	10.65	830	14800	14800	16000	16000				
148	9.44	800	14900	14900	16000	16000				
174	8.06	755	15100	15100	16000	16000				
38	36.85	580	8080	8080	12000	12000		95	480	
40	34.80*	575	8140	8140	12000	12000				
47	29.63	550	8390	8390	12000	12000				
52	26.93	535	8540	8540	12000	12000				
60	23.33	515	8720	8720	12000	12000				
69	20.30*	490	8940	8940	12000	12000				
102	13.73*	455	9210	9210	12000	12000				
108	12.96*	455	9210	9210	12000	12000				
127	11.03	455	9210	9210	12000	12000				
140	10.03	450	9250	9250	12000	12000				
161	8.69	420	9460	9460	12000	12000				
185	7.56*	375	9740	9740	12000	12000				
							S 77	DRS 132S4	115	484
							SF 77	DRS 132S4	125	485
							SA 77	DRS 132S4	115	486
							SAF 77	DRS 132S4	120	485
							S 67	DRS 132S4	95	480
							SF 67	DRS 132S4	100	481
							SA 67	DRS 132S4	96	482
							SAF 67	DRS 132S4	100	481

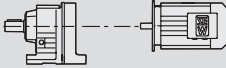
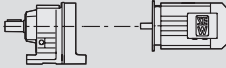
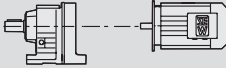
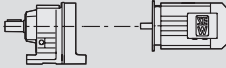
DRS132M4BF11 / DRS132M4BT11/U

 $n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg		
			S	SF	SA	SAF				
20	71.43	3850	33500	33500	40000	40000		220	492	
23	60.59	3730	33700	33700	40000	40000				
25	55.79	3660	33900	33900	40000	40000				
28	49.87	3570	34000	34000	40000	40000				
31	44.89	3480	34200	34200	40000	40000				
34	40.65	3380	34400	34400	40000	40000				
39	36.05	3300	34500	34500	40000	40000				
43	32.60	3200	34600	34600	40000	40000				
53	26.39	2870	35100	35100	40000	40000				
59	23.59	2790	35200	35200	40000	40000				
66	21.23	2710	35300	35300	40000	40000				
73	19.23	2630	35500	35500	40000	40000				
82	17.05	2570	35500	35500	40000	40000				
91	15.42	2470	35700	35600	40000	40000				
107	13.07	2330	35800	35800	40000	40000				
123	11.41	2210	35900	35900	40000	40000				
147	9.55	1980	36200	36200	40000	40000				
169	8.26	1720	36400	36400	40000	40000				
										S 97
							SF 97	DRS 132M4	255	493
							SA 97	DRS 132M4	215	494
							SAF 97	DRS 132M4	245	493

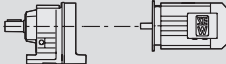
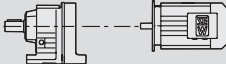
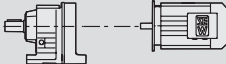
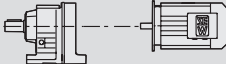
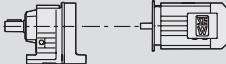
DRS132M4BF11 / DRS132M4BT11/U

 $n_e = 1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
25	57.00*	2170	28100	26900	30000	30000			
29	47.91	2090	28300	27000	30000	30000			
32	44.03	2060	28300	27100	30000	30000			
36	39.10	2000	28400	27200	30000	30000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
55	25.50*	1560	29000	27800	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
65	21.43	1560	29000	27800	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
71	19.70	1560	29000	27800	30000	30000			
80	17.49	1560	29000	27800	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			
32	43.33	1150	12700	12700	16000	16000			
34	41.07	1130	12900	12900	16000	16000			
39	35.94	1100	13100	13100	16000	16000			
43	32.38	1090	13200	13200	16000	16000			
49	28.41	1050	13500	13500	16000	16000			
56	25.07	1020	13700	13700	16000	16000			
63	22.22	980	13900	13900	16000	16000			
74	18.97	930	14200	14200	16000	16000			
76	18.42	920	14300	14300	16000	16000			
80	17.45	920	14300	14300	16000	16000			
92	15.28	920	14300	14300	16000	16000			
102	13.76	900	14400	14400	16000	16000			
116	12.07	870	14600	14600	16000	16000			
131	10.65	830	14800	14800	16000	16000			
148	9.44	800	14900	14900	16000	16000			
174	8.06	755	15100	15100	16000	16000			
38	36.85	580	8080	8080	12000	12000			
40	34.80*	575	8140	8140	12000	12000			
47	29.63	550	8390	8390	12000	12000			
52	26.93	535	8540	8540	12000	12000			
60	23.33	515	8720	8720	12000	12000			
69	20.30*	490	8940	8940	12000	12000			
102	13.73*	455	9210	9210	12000	12000			
108	12.96*	455	9210	9210	12000	12000			
127	11.03	455	9210	9210	12000	12000			
140	10.03	450	9250	9250	12000	12000			
161	8.69	420	9460	9460	12000	12000			
185	7.56*	375	9740	9740	12000	12000			

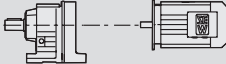
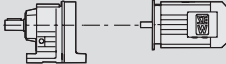
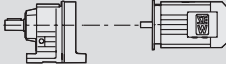
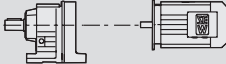
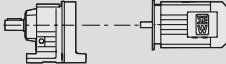
DRS132MC4BF11 / DRS132MC4BT11/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
25	55.79	3660	33900	33900	40000	40000		225	492
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
32	44.03	2060	28300	27100	30000	30000		165	488
36	39.10	2000	28400	27200	30000	30000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
71	19.70	1560	29000	27800	30000	30000			
80	17.49	1560	29000	27800	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			
43	32.38	1090	13200	13200	16000	16000		130	484
49	28.41	1050	13500	13500	16000	16000			
56	25.07	1020	13700	13700	16000	16000			
63	22.22	980	13900	13900	16000	16000			
74	18.97	930	14200	14200	16000	16000			
102	13.76	900	14400	14400	16000	16000			
116	12.07	870	14600	14600	16000	16000			
131	10.65	830	14800	14800	16000	16000			
148	9.44	800	14900	14900	16000	16000		140	485
174	8.06	755	15100	15100	16000	16000			

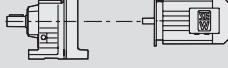
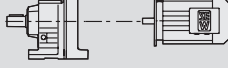
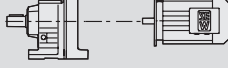
DRS160S4BF20 / DRS160S4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
25	55.79	3660	33900	33900	40000	40000		255	492
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	1980	36200	36200	40000	40000			
169	8.26	1720	36400	36400	40000	40000			
25	55.79	3660	33900	33900	40000	40000		285	493
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	1980	36200	36200	40000	40000			
169	8.26	1720	36400	36400	40000	40000			
25	55.79	3660	33900	33900	40000	40000		250	494
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	1980	36200	36200	40000	40000			
169	8.26	1720	36400	36400	40000	40000			
25	55.79	3660	33900	33900	40000	40000		275	493
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	1980	36200	36200	40000	40000			
169	8.26	1720	36400	36400	40000	40000			

DRS160S4BF20 / DRS160S4BT20/U

 $n_e=1400$ rpm

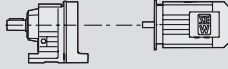
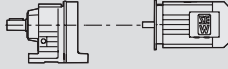
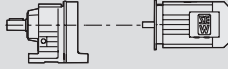
n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
32	44.03	2060	28300	27100	30000	30000		195	488
36	39.10	2000	28400	27200	30000	30000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
71	19.70	1560	29000	27800	30000	30000			
80	17.49	1560	29000	27800	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			
43	32.38	1090	13200	13200	16000	16000		160	484
49	28.41	1050	13500	13500	16000	16000			
56	25.07	1020	13700	13700	16000	16000			
63	22.22	980	13900	13900	16000	16000			
74	18.97	930	14200	14200	16000	16000			
102	13.76	900	14400	14400	16000	16000			
116	12.07	870	14600	14600	16000	16000			
131	10.65	830	14800	14800	16000	16000			
148	9.44	800	14900	14900	16000	16000			
174	8.06	755	15100	15100	16000	16000			

S	87	DRS 160S4	195	488
SF	87	DRS 160S4	220	489
SA	87	DRS 160S4	195	490
SAF	87	DRS 160S4	210	489

S	77	DRS 160S4	160	484
SF	77	DRS 160S4	170	485
SA	77	DRS 160S4	160	486
SAF	77	DRS 160S4	165	485

DRS160M4BF20 / DRS160M4BT20/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
25	55.79	3660	33900	33900	40000	40000		265	492
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
32	44.03	2060	28300	27100	30000	30000		205	488
36	39.10	2000	28400	27200	30000	30000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
71	19.70	1560	29000	27800	30000	30000			
80	17.49	1560	29000	27800	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			

S	97	DRS 160M4	265	492
SF	97	DRS 160M4	295	493
SA	97	DRS 160M4	260	494
SAF	97	DRS 160M4	285	493

S	87	DRS 160M4	205	488
SF	87	DRS 160M4	225	489
SA	87	DRS 160M4	205	490
SAF	87	DRS 160M4	220	489

DRS160M4BF20 / DRS160M4BT20/U**n_e=1400 rpm**

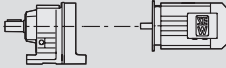
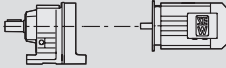
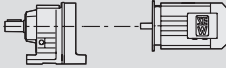
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				m kg	
			S	SF	SA	SAF		
43	32.38	1090	13200	13200	16000	16000		
49	28.41	1050	13500	13500	16000	16000		
56	25.07	1020	13700	13700	16000	16000		
63	22.22	980	13900	13900	16000	16000		
74	18.97	930	14200	14200	16000	16000		
102	13.76	900	14400	14400	16000	16000		
116	12.07	870	14600	14600	16000	16000		
131	10.65	830	14800	14800	16000	16000		
148	9.44	800	14900	14900	16000	16000		
174	8.06	755	15100	15100	16000	16000		
								
								S 77 DRS 160M4 170 484 SF 77 DRS 160M4 180 485 SA 77 DRS 160M4 170 486 SAF 77 DRS 160M4 175 485

DRS160MC4BF20 / DRS160MC4BT20/U**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				m kg	
			S	SF	SA	SAF		
25	55.79	3660	33900	33900	40000	40000		
28	49.87	3570	34000	34000	40000	40000		
31	44.89	3480	34200	34200	40000	40000		
34	40.65	3380	34400	34400	40000	40000		
39	36.05	3300	34500	34500	40000	40000		
43	32.60	3200	34600	34600	40000	40000		
51	27.63	3010	34900	34900	40000	40000		
53	26.39	2870	35100	35100	40000	40000		
58	24.13	2870	35100	35100	40000	40000		
59	23.59	2790	35200	35200	40000	40000		
66	21.23	2710	35300	35300	40000	40000		
73	19.23	2630	35500	35500	40000	40000		
82	17.05	2570	35500	35500	40000	40000		
91	15.42	2470	35700	35600	40000	40000		
107	13.07	2330	35800	35800	40000	40000		
123	11.41	2210	35900	35900	40000	40000		
147	9.55	2040	36100	36100	40000	40000		
169	8.26	1870	36300	36300	40000	40000		
								
								S 97 DRS 160MC4 270 492 SF 97 DRS 160MC4 300 493 SA 97 DRS 160MC4 265 494 SAF 97 DRS 160MC4 290 493
32	44.03	2060	28300	27100	30000	30000		
36	39.10	2000	28400	27200	30000	30000		
40	34.96*	1940	28500	27300	30000	30000		
45	31.43	1890	28600	27400	30000	30000		
51	27.28	1810	28700	27500	30000	30000		
57	24.43	1740	28800	27600	30000	30000		
69	20.27	1630	29000	27700	30000	30000		
71	19.70	1560	29000	27800	30000	30000		
80	17.49	1560	29000	27800	30000	30000		
90	15.64*	1560	29000	27800	30000	30000		
100	14.06	1550	29000	27800	30000	30000		
115	12.21	1480	29100	27900	30000	30000		
128	10.93	1420	29200	27900	30000	30000		
154	9.07	1320	29300	28000	30000	30000		
178	7.88	1230	29400	28100	30000	30000		
								
								S 87 DRS 160MC4 210 488 SF 87 DRS 160MC4 230 489 SA 87 DRS 160MC4 210 490 SAF 87 DRS 160MC4 225 489
43	32.38	1090	13200	13200	16000	16000		
49	28.41	1050	13500	13500	16000	16000		
56	25.07	1020	13700	13700	16000	16000		
63	22.22	980	13900	13900	16000	16000		
74	18.97	930	14200	14200	16000	16000		
102	13.76	900	14400	14400	16000	16000		
116	12.07	870	14600	14600	16000	16000		
131	10.65	830	14800	14800	16000	16000		
148	9.44	800	14900	14900	16000	16000		
174	8.06	755	15100	15100	16000	16000		
								
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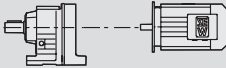
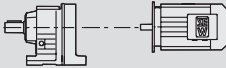
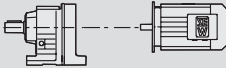
DRS180S4BF30 / DRS180S4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
25	55.79	3660	33900	33900	40000	40000		97	492
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
32	44.03	2060	28300	27100	30000	30000		87	488
36	39.10	2000	28400	27200	30000	30000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
71	19.70	1560	29000	27800	30000	30000			
80	17.49	1560	29000	27800	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			

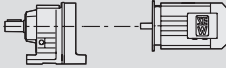
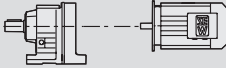
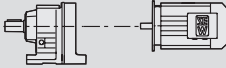
DRS180M4BF30 / DRS180M4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
31	44.89	3480	34200	34200	40000	40000		97	492
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
40	34.96*	1940	28500	27300	30000	30000		87	488
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			

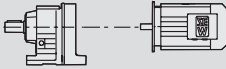
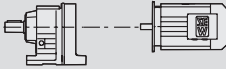
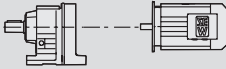
DRS180L4BF30 / DRS180L4BT30/U

 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
31	44.89	3480	34200	34200	40000	40000		355	492
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
40	34.96*	1940	28500	27300	30000	30000		295	488
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			

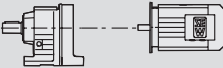
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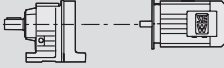
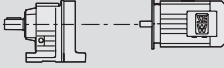
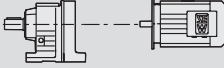
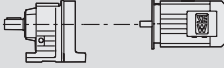
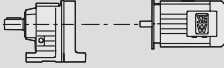
 $n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
31	44.89	3480	34200	34200	40000	40000		365	492
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
40	34.96*	1940	28500	27300	30000	30000		305	488
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			

10.2 Getriebemotoren DRL.. mit BF..

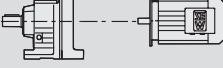
10.2.1 Auswahltabellen R..DRL.. mit BF..

DRL132S4BF11					n _e =1400 rpm			
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N				m kg	
			R	RF				
8.6	163.31	13000	62700	62700				
9.5	146.91	13000	62700	62700				
12	119.86	13000	62700	62700				
13	109.31	13000	62700	62700				
15	94.60*	13000	62700	62700				
17	83.47	13000	62700	62700				
19	72.09	13000	62700	62700	R	147 DRL 132S4	445	406
21	66.99	13000	62700	62700	RF	147 DRL 132S4	455	407
23	61.09	13000	62700	62700				
26	52.87	11500	65400	65400				
30	46.65	10200	67500	67500				
35	40.29	8810	69400	69400				
39	35.64	7790	70500	70500				
47	29.95	6550	71700	71700				
68	20.44	4460	73300	73300				
78	18.04	3940	73600	73600				
90	15.64	3410	73800	73800	R	147 DRL 132S4	430	406
101	13.91	3040	74000	74000	RF	147 DRL 132S4	440	407
117	11.99	2620	74100	74100				
193	7.25	1580	74400	74400				
6.3	222.60*	8160	53000	53000				
7.4	188.45	8160	53000	53000				
8.0	174.40*	8160	53000	53000				
9.0	156.31	8160	53000	53000				
9.9	141.12*	8160	53000	53000				
11	128.18	8160	53000	53000				
12	113.72	8160	53000	53000				
14	103.20*	8160	53000	53000				
16	88.70*	8160	53000	53000	R	137 DRL 132S4	315	404
17	80.91*	8160	53000	53000	RF	137 DRL 132S4	335	405
19	73.49	8160	53000	53000				
21	65.20	8160	53000	53000				
24	59.17*	8160	53000	53000				
28	50.86*	8160	53000	53000				
32	44.39	8160	53000	53000				
37	37.65	8160	53000	53000				
43	32.91	7190	55000	55000				
50	27.83	6080	56900	56900				
47	29.57*	5690	57500	57500				
58	24.12	5230	58100	58100				
64	22.00*	4810	58600	58600				
74	19.04*	4160	59300	59300				
83	16.80*	3670	59800	59800	R	137 DRL 132S4	305	404
96	14.51	3170	60200	60200	RF	137 DRL 132S4	325	405
109	12.83	2800	60500	60500				
130	10.79	2350	60800	60800				
184	7.59	1660	61100	61100				
219	6.38	1390	61200	61200				

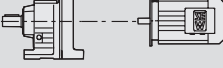
DRL132S4BF11					n _e =1400 rpm									
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N			m kg								
			R	RF										
6.9	203.16	4360	29100	29100		107	DRL 132S4	225	402					
8.1	172.34	4360	29100	29100										
8.8	158.68	4360	29100	29100										
9.9	141.83	4360	29100	29100										
11	127.68	4360	29100	29100										
12	115.63	4360	29100	29100										
14	102.53	4360	29100	29100										
15	92.70	4360	29100	29100										
18	78.57	4360	29100	29100										
19	72.88	4360	29100	29100										
21	65.60*	4360	29100	29100										
24	59.41	4360	29100	29100										
27	52.68	4360	29100	29100										
29	47.63	4360	29100	29100										
35	40.37*	4360	29100	29100										
40	35.26	4360	29100	29100										
47	29.49	4360	29100	29100										
46	30.77	4360	29100	29100		107	DRL 132S4	220	402					
51	27.58	4360	29100	29100										
56	24.90*	4360	29100	29100										
62	22.62	4360	29100	29100										
70	20.07	4360	29100	29100										
77	18.21	3980	31100	31100										
89	15.65	3420	33500	33500										
102	13.66	2980	35000	35000										
121	11.59	2530	36100	36100										
138	10.13	2210	36500	36500										
164	8.56	1870	36900	36900										
178	7.86	1710	37100	37100										
210	6.66	1450	37300	37300										
241	5.82	1270	37400	37400										
285	4.92	1070	37500	37500										
9.3	150.78	3090	16000	16000							97	DRL 132S4	170	400
11	126.75	3090	16000	16000										
12	116.48	3090	16000	16000										
14	103.44	3090	16000	16000										
15	92.48	3090	16000	16000										
17	83.15	3090	16000	16000										
19	72.17	3090	16000	16000										
21	65.21	3090	16000	16000										
23	59.92	3090	16000	16000										
26	53.21	3090	16000	16000										
29	47.58	3090	16000	16000										
33	42.78	3090	16000	16000										
38	37.13	3090	16000	16000										
42	33.25	3090	16000	16000										
51	27.58	3090	16000	16000										
44	32.05	3090	16000	16000		97	DRL 132S4	165	400					
51	27.19	3090	16000	16000										
56	25.03	3090	16000	16000										
63	22.37	3090	16000	16000										
70	20.14	3090	16000	16000										
77	18.24	3090	16000	16000										
87	16.17	3090	16000	16000										
96	14.62	3090	16000	16000										
113	12.39	2710	22900	22900										
129	10.83	2360	24800	24800										
151	9.29	1980	26500	26500										
167	8.39	1830	27000	27000										
197	7.12	1550	27600	27600										
225	6.21	1350	27800	27800										
269	5.20	1130	28100	28100										
311	4.50*	980	28200	28200										

DRL132S4BF11

n_e=1400 rpm

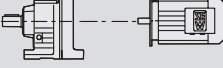
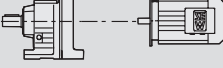
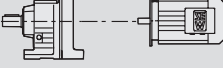
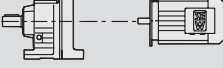
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
11	124.97	1550	16900	16900			
12	118.43*	1550	16900	16900			
14	103.65	1550	16900	16900			
15	93.38	1550	16900	16900			
17	81.92	1550	16900	16900			
22	63.68*	1550	16900	16900			
23	60.35*	1550	16900	16900	R 87	DRL 132S4	130 397
27	52.82	1550	16900	16900	RF 87	DRL 132S4	135 398
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			
50	27.84*	1550	16900	16900			
60	23.40	1550	16900	16900			
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900	R 87	DRL 132S4	130 397
117	11.93	1550	16900	16900	RF 87	DRL 132S4	135 398
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1150	19200	19200			
17	81.80	900	9110	9110			
18	77.24	900	9110	9110			
21	65.77	900	9110	9110			
31	45.81	900	9110	9110			
32	43.26	900	9110	9110	R 77	DRL 132S4	100 394
38	36.83	900	9110	9110	RF 77	DRL 132S4	110 395
42	33.47	900	9110	9110			
48	29.00	900	9110	9110			
55	25.23	900	9110	9110			
74	18.80	900	9110	9110			
79	17.82*	900	9110	9110			
90	15.60	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110	R 77	DRL 132S4	100 394
145	9.64	900	9110	9110	RF 77	DRL 132S4	105 395
163	8.59	840	9730	9730			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			
19	74.17	660	5350	5350			
20	69.75	660	5350	5350			
35	39.88*	595	7620	7620	R 67	DRL 132S4	96 391
37	37.50	595	7620	7620	RF 67	DRL 132S4	100 392
43	32.27	595	7620	7620			
49	28.83	595	7620	7620			
89	15.79	665	4700	4700			
94	14.91	665	4700	4700			
110	12.70	665	4700	4700			
121	11.54	665	4700	4700			
140	10.00	665	4700	4700			
161	8.70*	660	5350	5350	R 67	DRL 132S4	95 391
180	7.79	485	8710	8710	RF 67	DRL 132S4	99 392
190	7.36*	485	8710	8710			
223	6.27	485	8710	8710			
246	5.70	465	8870	8870			
284	4.93	435	9100	9100			
326	4.29	405	9300	9300			

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DRL132S4BF11					n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg			
			R	RF					
38	37.30*	455	7080	7080					
40	35.07	455	7080	7080	R 57	90		DRL 132S4	388
46	30.18	455	7080	7080	RF 57	93		DRL 132S4	389
52	26.97	455	7080	7080					
95	14.77*	455	7080	7080					
100	13.95*	455	7080	7080					
118	11.88	455	7080	7080					
130	10.79	455	7080	7080					
150	9.35	455	7080	7080					
176	7.97	425	7210	7210	R 57	89		DRL 132S4	388
186	7.53	425	7210	7210	RF 57	92		DRL 132S4	389
218	6.41	425	7210	7210					
241	5.82	425	7210	7210					
277	5.05	425	7210	7210					
319	4.39	420	7230	7230					
112	12.54	305	5390	5390					
119	11.79	305	5390	5390					
138	10.15	305	5390	5390					
154	9.07	305	5390	5390					
175	8.01	300	5420	5420	R 47	84		DRL 132S4	385
233	6.00	182	5910	5910	RF 47	84		DRL 132S4	386
248	5.64*	180	5920	5920					
289	4.85	175	5930	5930					
323	4.34	170	5940	5940					
366	3.83	166	5960	5960					
211	6.63*	625	30000	30000					
250	5.61	595	30000	30000					
270	5.19	775	30000	30000					
301	4.65	755	30000	30000					
333	4.20*	730	30000	30000					
367	3.81	705	30000	30000					
414	3.38	680	30000	30000	RX 107	165		DRL 132S4	383
456	3.07	660	30000	30000	RXF 107	180		DRL 132S4	384
530	2.64*	575	30000	30000					
609	2.30	500	30000	30000					
718	1.95	425	30000	30000					
819	1.71	370	30000	30000					
972	1.44	315	30000	30000					
242	5.79	595	20000	20000					
285	4.91	590	20000	20000					
310	4.52	730	20000	20000					
347	4.04	710	20000	20000					
385	3.64*	690	20000	20000					
424	3.30	665	20000	20000	RX 97	135		DRL 132S4	381
479	2.92	635	20000	20000	RXF 97	140		DRL 132S4	382
530	2.64	575	20000	20000					
625	2.24*	485	20000	20000					
714	1.96	425	20000	20000					
854	1.64	355	20000	20000					
986	1.42	305	20000	20000					
311	4.50*	415	12900	12900					
370	3.78	455	12700	12700					
402	3.48	540	12400	12400					
453	3.09	540	12400	12400					
507	2.76*	530	12400	12400	RX 87	110		DRL 132S4	379
565	2.48	510	12500	12500	RXF 87	115		DRL 132S4	380
651	2.15	470	12600	12600					
725	1.93	420	12800	12800					
875	1.60*	345	13000	13000					
1005	1.39	300	13000	13000					

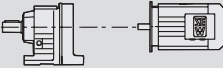
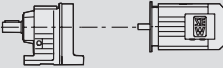
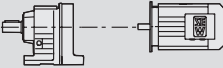
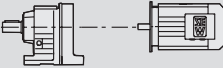
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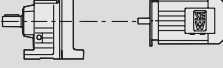
$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
431	3.25*	245	10000	10000		93	377
455	3.08*	260	10000	10000			
519	2.70	285	10000	10000			
576	2.43	305	10000	10000			
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000			
838	1.67	255	10000	10000			
986	1.42	230	10000	10000			
551	2.54	162	5470	5470		83	375
583	2.40*	163	5460	5460			
686	2.04	186	5310	5310			
753	1.86	187	5300	5300			
870	1.61	171	5380	5380			
1000	1.40*	156	5450	5450			
686	2.04	90	3970	3970		80	373
729	1.92*	90	3970	3970			
848	1.65	90	3960	3960			
946	1.48	90	3950	3950			
1075	1.30	90	3940	3940			

DRL132MC4BF11

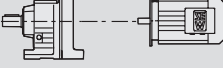
$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
8.6	163.31	13000	62700	62700		460	406
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	12400	63800	63800			
35	40.29	11700	65100	65100			
39	35.64	11000	66300	66300			
47	29.95	10100	67600	67600			
58	24.19	8840	69300	69300			
68	20.44	5340	72700	72700		450	406
78	18.04	5100	72900	72900			
90	15.64	4810	73100	73100			
101	13.91	4570	73200	73200			
117	11.99	4280	73400	73400			
144	9.74	3560	73800	73800			
193	7.25	2590	74100	74100			
238	5.89	2150	74300	74300			
8.0	174.40*	8160	53000	53000		330	404
9.0	156.31	8160	53000	53000			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			

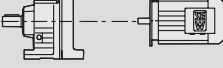
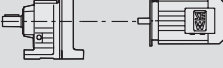
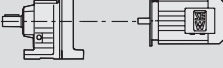
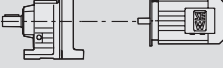
DRL132MC4BF11					n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg			
			R	RF					
47	29.57*	5780	57400	57400		320	404	R 137	DRL 132MC4
58	24.12	5300	58000	58000					
64	22.00*	5150	58200	58200					
74	19.04*	4880	58500	58500					
83	16.80*	4660	58800	58800					
96	14.51	4380	59100	59100					
109	12.83	4140	59400	59400					
130	10.79	3780	59700	59700					
161	8.71	3180	60200	60200					
184	7.59	2440	60700	60700					
219	6.38	2240	60800	60800		245	402	R 107	DRL 132MC4
272	5.15	1880	61000	61000					
8.8	158.68	4360	29100	29100					
9.9	141.83	4360	29100	29100					
11	127.68	4360	29100	29100					
12	115.63	4360	29100	29100					
14	102.53	4360	29100	29100					
15	92.70	4360	29100	29100					
18	78.57	4360	29100	29100					
19	72.88	4360	29100	29100					
21	65.60*	4360	29100	29100		235	402	R 107	DRL 132MC4
24	59.41	4360	29100	29100					
27	52.68	4360	29100	29100					
29	47.63	4360	29100	29100					
35	40.37*	4360	29100	29100					
40	35.26	4360	29100	29100					
47	29.49	4360	29100	29100					
46	30.77	4360	29100	29100					
51	27.58	4360	29100	29100					
56	24.90*	4360	29100	29100					
62	22.62	4360	29100	29100		205	401	R 97	DRL 132MC4
70	20.07	4360	29100	29100					
77	18.21	4310	29400	29400					
89	15.65	4050	30800	30800					
102	13.66	3830	31800	31800					
121	11.59	3530	33000	33000					
138	10.13	3290	34000	34000					
164	8.56	3030	34800	34800					
178	7.86	2200	36500	36500					
210	6.66	2030	36700	36700					
241	5.82	1890	36900	36900		185	400	R 97	DRL 132MC4
285	4.92	1740	37000	37000					
12	116.48	3090	16000	16000					
14	103.44	3090	16000	16000					
15	92.48	3090	16000	16000					
17	83.15	3090	16000	16000					
19	72.17	3090	16000	16000					
23	59.92	3090	16000	16000					
26	53.21	3090	16000	16000					
29	47.58	3090	16000	16000					
33	42.78	3090	16000	16000					
38	37.13	3090	16000	16000					
42	33.25	3090	16000	16000					
51	27.58	3090	16000	16000					

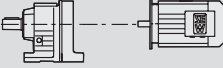
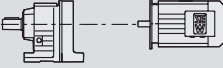
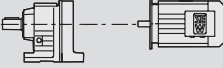
DRL132MC4BF11

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF¹⁾} N			m kg	
			R	RF			
56	25.03	3090	16000	16000			
63	22.37	3090	16000	16000			
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000	R 97	DRL 132MC4	185 400
129	10.83	2960	21200	21200	RF 97	DRL 132MC4	200 401
151	9.29	2010	26300	26300			
167	8.39	1930	26700	26700			
197	7.12	1790	27200	27200			
225	6.21	1700	27300	27300			
269	5.20	1550	27600	27600			
311	4.50*	1430	27700	27700			
15	93.38	1550	16900	16900			
17	81.92	1550	16900	16900			
29	47.58	1550	16900	16900	R 87	DRL 132MC4	145 397
34	41.74	1550	16900	16900	RF 87	DRL 132MC4	155 398
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			
65	21.51	1550	16900	16900			
73	19.10	1550	16900	16900			
82	17.08*	1550	16900	16900			
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900	R 87	DRL 132MC4	145 397
141	9.90*	1550	16900	16900	RF 87	DRL 132MC4	150 398
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
42	33.47	900	9110	9110	R 77	DRL 132MC4	120 394
48	29.00	900	9110	9110	RF 77	DRL 132MC4	125 395
55	25.23	900	9110	9110			
100	14.05	900	9110	9110			
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110	R 77	DRL 132MC4	120 394
181	7.74	840	9730	9730	RF 77	DRL 132MC4	125 395
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			
121	11.54	665	4700	4700			
140	10.00	665	4700	4700			
161	8.70*	660	5350	5350	R 67	DRL 132MC4	110 391
246	5.70	465	8870	8870	RF 67	DRL 132MC4	115 392
284	4.93	435	9100	9100			
326	4.29	405	9300	9300			
130	10.79	455	7080	7080			
150	9.35	455	7080	7080			
241	5.82	425	7210	7210	R 57	DRL 132MC4	105 388
277	5.05	425	7210	7210	RF 57	DRL 132MC4	110 389
319	4.39	420	7230	7230			
270	5.19	775	30000	30000			
301	4.65	755	30000	30000			
333	4.20*	730	30000	30000			
367	3.81	705	30000	30000			
414	3.38	680	30000	30000			
456	3.07	660	30000	30000	RX 107	DRL 132MC4	180 383
530	2.64*	620	30000	30000	RXF 107	DRL 132MC4	200 384
609	2.30	590	30000	30000			
718	1.95	545	30000	30000			
819	1.71	510	30000	30000			
972	1.44	470	30000	30000			

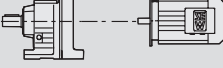
22121099/DE – 11/2015

DRL132MC4BF11						n_e=1400 rpm	
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
310	4.52	730	20000	20000		150	381
347	4.04	710	20000	20000			
385	3.64*	700	20000	20000			
424	3.30	675	20000	20000			
479	2.92	650	20000	20000			
530	2.64	625	20000	20000			
625	2.24*	580	20000	20000			
714	1.96	550	20000	20000			
854	1.64	500	20000	20000			
986	1.42	460	20000	20000			
402	3.48	540	12400	12400		125	379
453	3.09	540	12400	12400			
507	2.76*	535	12400	12400			
565	2.48	515	12400	12400			
651	2.15	485	12500	12500			
725	1.93	465	12600	12600			
875	1.60*	420	12800	12800			
1005	1.39	395	12800	12800			
576	2.43	305	10000	10000		110	377
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000			
838	1.67	255	10000	10000			
986	1.42	230	10000	10000			

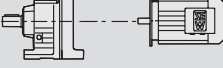
DRL160M4BF20						n_e=1400 rpm	
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
6.1	229.71	21800	120000	120000		740	408
7.5	186.93*	21800	120000	120000			
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	20200	120000	120000			
21	67.40	19700	120000	120000			
24	58.65	18800	120000	120000			
27	51.76	18000	120000	120000			
31	44.87	16300	120000	120000			
35	39.92	14500	120000	120000			
41	34.41	12500	120000	120000			
50	27.96	10200	120000	120000			
30	46.00	9490	120000	120000		740	408
37	37.74	9230	120000	120000			
46	30.71	8520	120000	120000			
57	24.57	7980	120000	120000			
64	21.85	7700	120000	120000			
74	19.03	6950	120000	120000			
82	16.98	6200	120000	120000			
97	14.48	5280	120000	120000			
117	11.99	4380	120000	120000			

DRL160M4BF20

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF¹⁾} N			m kg	
			R	RF			
8.6	163.31	13000	62700	62700	R 147 DRL 160M4 RF 147 DRL 160M4	495	406
9.5	146.91	13000	62700	62700		500	407
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	10900	66400	66400			
58	24.19	8840	69300	69300			
68	20.44	6760	71600	71600	R 147 DRL 160M4 RF 147 DRL 160M4	480	406
78	18.04	6480	71800	71800		490	407
90	15.64	5710	72400	72400			
101	13.91	5080	72900	72900			
117	11.99	4380	73300	73300			
144	9.74	3560	73800	73800			
193	7.25	2640	74100	74100			
238	5.89	2150	74300	74300			
8.0	174.40*	8160	53000	53000	R 137 DRL 160M4 RF 137 DRL 160M4	365	404
9.0	156.31	8160	53000	53000		390	405
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			
47	29.57*	7240	54900	54900	R 137 DRL 160M4 RF 137 DRL 160M4	355	404
58	24.12	6700	55900	55900		380	405
64	22.00*	6510	56200	56200			
74	19.04*	6190	56700	56700			
83	16.80*	5930	57100	57100			
96	14.51	5300	58000	58000			
109	12.83	4680	58800	58800			
130	10.79	3940	59600	59600			
161	8.71	3180	60200	60200			
184	7.59	2770	60500	60500			
219	6.38	2330	60800	60800			
272	5.15	1880	61000	61000			
8.8	158.68	4360	29100	29100	R 107 DRL 160M4 RF 107 DRL 160M4	280	402
9.9	141.83	4360	29100	29100		290	403
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			

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DRL160M4BF20					n _e =1400 rpm				
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N			m kg			
			R	RF					
46	30.77	4360	29100	29100					
51	27.58	4360	29100	29100					
56	24.90*	4360	29100	29100					
62	22.62	4360	29100	29100					
70	20.07	4360	29100	29100					
77	18.21	4360	29100	29100					
89	15.65	4360	29100	29100					
102	13.66	4360	29100	29100					
121	11.59	4230	29800	29800					
138	10.13	3700	32400	32400					
164	8.56	3120	34600	34600					
178	7.86	2790	35600	35600					
210	6.66	2430	36300	36300					
241	5.82	2120	36600	36600					
285	4.92	1790	37000	37000					
12	116.48	3090	16000	16000					
14	103.44	3090	16000	16000					
15	92.48	3090	16000	16000					
17	83.15	3090	16000	16000					
19	72.17	3090	16000	16000					
23	59.92	3090	16000	16000					
26	53.21	3090	16000	16000					
29	47.58	3090	16000	16000					
33	42.78	3090	16000	16000					
38	37.13	3090	16000	16000					
42	33.25	3090	16000	16000					
51	27.58	3090	16000	16000					
56	25.03	3090	16000	16000					
63	22.37	3090	16000	16000					
70	20.14	3090	16000	16000					
77	18.24	3090	16000	16000					
87	16.17	3090	16000	16000					
96	14.62	3090	16000	16000					
113	12.39	3090	16000	16000					
129	10.83	3090	16000	16000					
151	9.29	2540	23900	23900					
167	8.39	2450	24300	24300					
197	7.12	2280	25200	25200					
225	6.21	2160	25700	25700					
269	5.20	1890	26800	26800					
311	4.50*	1640	27400	27400					
15	93.38	1550	16900	16900					
17	81.92	1550	16900	16900					
29	47.58	1550	16900	16900					
34	41.74	1550	16900	16900					
38	36.84*	1550	16900	16900					
43	32.66*	1550	16900	16900					
50	27.88	1550	16900	16900					
65	21.51	1550	16900	16900					
73	19.10	1550	16900	16900					
82	17.08*	1550	16900	16900					
91	15.35	1550	16900	16900					
105	13.33	1550	16900	16900					
117	11.93	1550	16900	16900					
141	9.90*	1550	16900	16900					
153	9.14*	1270	18600	18600					
170	8.22	1270	18600	18600					
196	7.13	1270	18600	18600					
219	6.39	1270	18600	18600					
264	5.30*	1270	18600	18600					
42	33.47	900	9110	9110					
48	29.00	900	9110	9110					
55	25.23	900	9110	9110					

R 107 DRL 160M4 275 402
RF 107 DRL 160M4 280 403

R 97 DRL 160M4 225 400
RF 97 DRL 160M4 240 401

R 97 DRL 160M4 220 400
RF 97 DRL 160M4 240 401

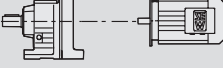
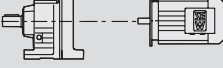
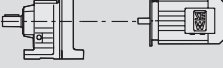
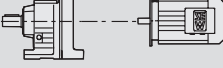
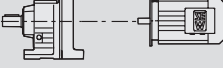
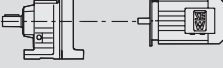
R 87 DRL 160M4 185 397
RF 87 DRL 160M4 190 398

R 87 DRL 160M4 180 397
RF 87 DRL 160M4 190 398

R 77 DRL 160M4 155 394
RF 77 DRL 160M4 165 395

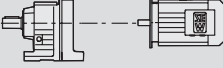
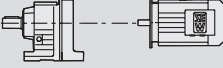
DRL160M4BF20

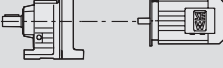
$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
100	14.05	900	9110	9110		155	394
114	12.33	900	9110	9110			
129	10.88	900	9110	9110			
145	9.64	900	9110	9110			
181	7.74	840	9730	9730			
206	6.79	840	9730	9730			
234	5.99*	810	10000	10000			
264	5.31*	765	10400	10400			
270	5.19	900	30000	30000		220	383
301	4.65	950	30000	30000			
333	4.20*	920	30000	30000			
367	3.81	900	30000	30000			
414	3.38	870	30000	30000			
456	3.07	840	30000	30000			
530	2.64*	795	30000	30000			
609	2.30	755	30000	30000			
718	1.95	700	30000	30000			
819	1.71	620	30000	30000			
972	1.44	525	30000	30000			
310	4.52	800	20000	20000		185	381
347	4.04	800	20000	20000			
385	3.64*	800	20000	20000			
424	3.30	800	20000	20000			
479	2.92	800	20000	20000			
530	2.64	790	20000	20000			
625	2.24*	735	20000	20000			
714	1.96	695	20000	20000			
854	1.64	595	20000	20000			
986	1.42	515	20000	20000			
402	3.48	540	12400	12400		165	379
453	3.09	540	12400	12400			
507	2.76*	535	12400	12400			
565	2.48	540	12300	12300			
651	2.15	540	12300	12300			
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			
576	2.43	305	10000	10000		145	377
657	2.13	300	10000	10000			
745	1.88*	280	10000	10000			
838	1.67	255	10000	10000			
986	1.42	230	10000	10000			

DRL160MC4BF20

$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
6.1	229.71	21800	120000	120000		750	408
7.5	186.93*	21800	120000	120000			
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	20200	120000	120000			
21	67.40	19700	120000	120000			
24	58.65	18800	120000	120000			
27	51.76	18000	120000	120000			
31	44.87	16300	120000	120000			
35	39.92	14500	120000	120000			
41	34.41	12500	120000	120000			
50	27.96	10200	120000	120000			

DRL160MC4BF20						n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				m kg		
			R	RF					
30	46.00	9490	120000	120000					
37	37.74	9230	120000	120000					
46	30.71	8520	120000	120000					
57	24.57	7980	120000	120000					
64	21.85	7700	120000	120000					
74	19.03	6950	120000	120000					
82	16.98	6200	120000	120000					
97	14.48	5280	120000	120000					
117	11.99	4380	120000	120000					
8.6	163.31	13000	62700	62700					
9.5	146.91	13000	62700	62700					
12	119.86	13000	62700	62700					
13	109.31	13000	62700	62700					
15	94.60*	13000	62700	62700					
17	83.47	13000	62700	62700					
19	72.09	13000	62700	62700					
21	66.99	13000	62700	62700					
23	61.09	13000	62700	62700					
26	52.87	13000	62700	62700					
30	46.65	13000	62700	62700					
35	40.29	13000	62700	62700					
39	35.64	13000	62700	62700					
47	29.95	10900	66400	66400					
58	24.19	8840	69300	69300					
68	20.44	6760	71600	71600					
78	18.04	6480	71800	71800					
90	15.64	5710	72400	72400					
101	13.91	5080	72900	72900					
117	11.99	4380	73300	73300					
144	9.74	3560	73800	73800					
193	7.25	2640	74100	74100					
238	5.89	2150	74300	74300					
8.0	174.40*	8160	53000	53000					
9.0	156.31	8160	53000	53000					
9.9	141.12*	8160	53000	53000					
11	128.18	8160	53000	53000					
12	113.72	8160	53000	53000					
14	103.20*	8160	53000	53000					
16	88.70*	8160	53000	53000					
17	80.91*	8160	53000	53000					
19	73.49	8160	53000	53000					
21	65.20	8160	53000	53000					
24	59.17*	8160	53000	53000					
28	50.86*	8160	53000	53000					
32	44.39	8160	53000	53000					
37	37.65	8160	53000	53000					
43	32.91	8160	53000	53000					
50	27.83	8160	53000	53000					
47	29.57*	7240	54900	54900					
58	24.12	6700	55900	55900					
64	22.00*	6510	56200	56200					
74	19.04*	6190	56700	56700					
83	16.80*	5930	57100	57100					
96	14.51	5300	58000	58000					
109	12.83	4680	58800	58800					
130	10.79	3940	59600	59600					
161	8.71	3180	60200	60200					
184	7.59	2770	60500	60500					
219	6.38	2330	60800	60800					
272	5.15	1880	61000	61000					

R 167 DRL 160MC4 740 408
RF 167 DRL 160MC4 750 409

R 147 DRL 160MC4 500 406
RF 147 DRL 160MC4 510 407

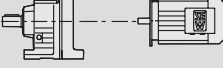
R 147 DRL 160MC4 485 406
RF 147 DRL 160MC4 495 407

R 137 DRL 160MC4 370 404
RF 137 DRL 160MC4 395 405

R 137 DRL 160MC4 360 404
RF 137 DRL 160MC4 385 405

DRL160MC4BF20

n_e=1400 rpm

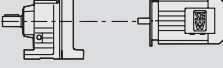
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
8.8	158.68	4360	29100	29100	R 107 DRL 160MC4 RF 107 DRL 160MC4	285	402
9.9	141.83	4360	29100	29100		295	403
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
19	72.88	4360	29100	29100			
21	65.60*	4360	29100	29100			
24	59.41	4360	29100	29100			
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
46	30.77	4360	29100	29100	R 107 DRL 160MC4 RF 107 DRL 160MC4	280	402
51	27.58	4360	29100	29100		285	403
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4230	29800	29800			
138	10.13	3700	32400	32400			
164	8.56	3120	34600	34600			
178	7.86	2790	35600	35600			
210	6.66	2430	36300	36300			
241	5.82	2120	36600	36600			
285	4.92	1790	37000	37000			
12	116.48	3090	16000	16000	R 97 DRL 160MC4 RF 97 DRL 160MC4	230	400
14	103.44	3090	16000	16000		245	401
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
23	59.92	3090	16000	16000			
26	53.21	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
56	25.03	3090	16000	16000	R 97 DRL 160MC4 RF 97 DRL 160MC4	225	400
63	22.37	3090	16000	16000		245	401
70	20.14	3090	16000	16000			
77	18.24	3090	16000	16000			
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2540	23900	23900			
167	8.39	2450	24300	24300			
197	7.12	2280	25200	25200			
225	6.21	2160	25700	25700			
269	5.20	1890	26800	26800			
311	4.50*	1640	27400	27400			
15	93.38	1550	16900	16900	R 87 DRL 160MC4 RF 87 DRL 160MC4	190	397
17	81.92	1550	16900	16900		195	398
29	47.58	1550	16900	16900			
34	41.74	1550	16900	16900			
38	36.84*	1550	16900	16900			
43	32.66*	1550	16900	16900			
50	27.88	1550	16900	16900			

22121099/DE – 11/2015

DRL160MC4BF20					n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				m kg		
			R	RF					
65	21.51	1550	16900	16900					
73	19.10	1550	16900	16900					
82	17.08*	1550	16900	16900					
91	15.35	1550	16900	16900					
105	13.33	1550	16900	16900					
117	11.93	1550	16900	16900					
141	9.90*	1550	16900	16900					
153	9.14*	1270	18600	18600					
170	8.22	1270	18600	18600					
196	7.13	1270	18600	18600					
219	6.39	1270	18600	18600					
264	5.30*	1270	18600	18600					
42	33.47	900	9110	9110					
48	29.00	900	9110	9110					
55	25.23	900	9110	9110					
100	14.05	900	9110	9110					
114	12.33	900	9110	9110					
129	10.88	900	9110	9110					
145	9.64	900	9110	9110					
181	7.74	840	9730	9730					
206	6.79	840	9730	9730					
234	5.99*	810	10000	10000					
264	5.31*	765	10400	10400					
270	5.19	900	30000	30000					
301	4.65	950	30000	30000					
333	4.20*	920	30000	30000					
367	3.81	900	30000	30000					
414	3.38	870	30000	30000					
456	3.07	840	30000	30000					
530	2.64*	795	30000	30000					
609	2.30	755	30000	30000					
718	1.95	700	30000	30000					
819	1.71	620	30000	30000					
972	1.44	525	30000	30000					
310	4.52	800	20000	20000					
347	4.04	800	20000	20000					
385	3.64*	800	20000	20000					
424	3.30	800	20000	20000					
479	2.92	800	20000	20000					
530	2.64	790	20000	20000					
625	2.24*	735	20000	20000					
714	1.96	695	20000	20000					
854	1.64	595	20000	20000					
986	1.42	515	20000	20000					
402	3.48	540	12400	12400					
453	3.09	540	12400	12400					
507	2.76*	535	12400	12400					
565	2.48	540	12300	12300					
651	2.15	540	12300	12300					
725	1.93	530	12300	12300					
875	1.60*	470	12500	12500					
1005	1.39	435	12700	12700					
576	2.43	305	10000	10000					
657	2.13	300	10000	10000					
745	1.88*	280	10000	10000					
838	1.67	255	10000	10000					
986	1.42	230	10000	10000					

DRL180S4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF¹⁾} N			m kg	
			R	RF			
7.5	186.93*	21800	120000	120000			
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	21800	120000	120000			
21	67.40	21800	120000	120000			
24	58.65	21800	120000	120000			
27	51.76	21800	120000	120000			
31	44.87	21800	120000	120000			
35	39.92	21800	120000	120000			
41	34.41	21600	120000	120000			
50	27.96	17600	120000	120000			
59	23.71	14900	120000	120000			
37	37.74	11700	120000	120000			
46	30.71	13500	120000	120000			
57	24.57	15400	120000	120000			
64	21.85	13700	120000	120000			
74	19.03	11900	120000	120000			
82	16.98	10600	120000	120000			
97	14.48	9110	120000	120000			
117	11.99	7550	120000	120000			
137	10.24	6440	120000	120000			
9.5	146.91	13000	62700	62700			
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	13000	62700	62700			
58	24.19	13000	62700	62700			
68	20.44	12800	63100	63100			
78	18.04	11300	65800	65800			
90	15.64	9850	68000	68000			
101	13.91	8760	69400	69400			
117	11.99	7550	70800	70800			
144	9.74	6130	72100	72100			
169	8.26	5200	72800	72800			
193	7.25	4560	73200	73200			
238	5.89	3710	73700	73700			
280	5.00	3140	73900	73900			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000			
21	65.20	8160	53000	53000			
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			

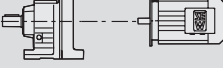
R 167 DRL 180S4 800 408
RF 167 DRL 180S4 810 409

R 167 DRL 180S4 800 408
RF 167 DRL 180S4 800 409

R 147 DRL 180S4 560 406
RF 147 DRL 180S4 560 407

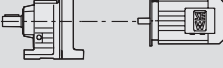
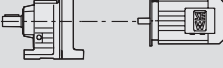
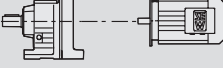
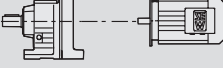
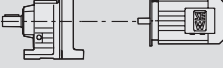
R 147 DRL 180S4 540 406
RF 147 DRL 180S4 550 407

R 137 DRL 180S4 430 404
RF 137 DRL 180S4 450 405

DRL180S4BF30					n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg			
			R	RF					
47	29.57*	7830	53700	53700					
58	24.12	8160	53000	53000					
64	22.00*	8160	53000	53000					
74	19.04*	8160	53000	53000					
83	16.80*	8160	53000	53000					
96	14.51	8160	53000	53000	R	137	DRL 180S4	420	404
109	12.83	8080	53200	53200	RF	137	DRL 180S4	440	405
130	10.79	6790	55700	55700					
161	8.71	5480	57800	57800					
184	7.59	4780	58700	58700					
219	6.38	4010	59500	59500					
272	5.15	3240	60200	60200					
11	127.68	4360	29100	29100					
12	115.63	4360	29100	29100					
14	102.53	4360	29100	29100					
15	92.70	4360	29100	29100					
18	78.57	4360	29100	29100					
21	65.60*	4360	29100	29100	R	107	DRL 180S4	345	402
24	59.41	4360	29100	29100	RF	107	DRL 180S4	350	403
27	52.68	4360	29100	29100					
29	47.63	4360	29100	29100					
35	40.37*	4360	29100	29100					
40	35.26	4360	29100	29100					
47	29.49	4360	29100	29100					
56	24.90*	4360	29100	29100					
62	22.62	4360	29100	29100					
70	20.07	4360	29100	29100					
77	18.21	4360	29100	29100					
89	15.65	4360	29100	29100					
102	13.66	4360	29100	29100	R	107	DRL 180S4	340	402
121	11.59	4360	29100	29100	RF	107	DRL 180S4	345	403
138	10.13	4360	29100	29100					
164	8.56	4360	29100	29100					
178	7.86	3820	31800	31800					
210	6.66	3820	31800	31800					
241	5.82	3660	32500	32500					
285	4.92	3100	34600	34600					
15	92.48	3090	16000	16000					
17	83.15	3090	16000	16000					
19	72.17	3090	16000	16000					
29	47.58	3090	16000	16000	R	97	DRL 180S4	285	400
33	42.78	3090	16000	16000	RF	97	DRL 180S4	305	401
38	37.13	3090	16000	16000					
42	33.25	3090	16000	16000					
51	27.58	3090	16000	16000					
70	20.14	3090	16000	16000					
77	18.24	3090	16000	16000					
87	16.17	3090	16000	16000					
96	14.62	3090	16000	16000					
113	12.39	3090	16000	16000					
129	10.83	3090	16000	16000	R	97	DRL 180S4	285	400
151	9.29	2560	23800	23800	RF	97	DRL 180S4	300	401
167	8.39	2560	23800	23800					
197	7.12	2560	23800	23800					
225	6.21	2560	23800	23800					
269	5.20	2560	23800	23800					
311	4.50*	2440	24400	24400					
38	36.84*	1550	16900	16900	R	87	DRL 180S4	245	397
43	32.66*	1550	16900	16900	RF	87	DRL 180S4	255	398
50	27.88	1550	16900	16900					

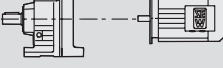
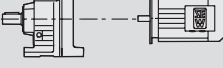
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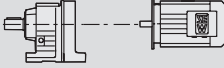
$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
82	17.08*	1550	16900	16900		245	397
91	15.35	1550	16900	16900			
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
333	4.20*	1000	30000	30000		285	383
367	3.81	1130	30000	30000			
414	3.38	1130	30000	30000			
456	3.07	1130	30000	30000			
530	2.64*	1120	30000	30000			
609	2.30	1110	30000	30000			
718	1.95	1090	30000	30000			
819	1.71	1050	30000	30000			
972	1.44	900	30000	30000			
385	3.64*	800	20000	20000		250	381
424	3.30	800	20000	20000			
479	2.92	800	20000	20000			
530	2.64	800	20000	20000			
625	2.24*	800	20000	20000			
714	1.96	800	20000	20000			
854	1.64	755	20000	20000			
986	1.42	680	20000	20000			
507	2.76*	535	12400	12400		225	379
565	2.48	540	12300	12300			
651	2.15	540	12300	12300			
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			

DRL180M4BF30

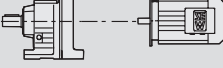
$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N			m kg	
			R	RF			
7.5	186.93*	21800	120000	120000		820	408
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	21800	120000	120000			
21	67.40	21800	120000	120000			
24	58.65	21800	120000	120000			
27	51.76	21800	120000	120000			
31	44.87	21800	120000	120000			
35	39.92	21800	120000	120000			
41	34.41	21600	120000	120000			
50	27.96	17600	120000	120000			
59	23.71	14900	120000	120000			
37	37.74	11700	120000	120000		810	408
46	30.71	13500	120000	120000			
57	24.57	15400	120000	120000			
64	21.85	13700	120000	120000			
74	19.03	11900	120000	120000			
82	16.98	10600	120000	120000			
97	14.48	9110	120000	120000			
117	11.99	7550	120000	120000			
137	10.24	6440	120000	120000			

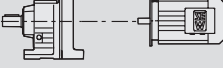
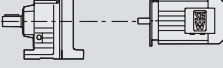
DRL180M4BF30					n _e =1400 rpm			
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N			m kg		
			R	RF				
9.5	146.91	13000	62700	62700	R 147 DRL 180M4	570	406	
12	119.86	13000	62700	62700				
13	109.31	13000	62700	62700				
15	94.60*	13000	62700	62700				
17	83.47	13000	62700	62700				
19	72.09	13000	62700	62700				
21	66.99	13000	62700	62700				
23	61.09	13000	62700	62700				
26	52.87	13000	62700	62700				
30	46.65	13000	62700	62700				
35	40.29	13000	62700	62700				
39	35.64	13000	62700	62700				
47	29.95	13000	62700	62700				
58	24.19	13000	62700	62700				
68	20.44	12800	63100	63100	R 147 DRL 180M4	560	406	
78	18.04	11300	65800	65800				
90	15.64	9850	68000	68000				
101	13.91	8760	69400	69400				
117	11.99	7550	70800	70800				
144	9.74	6130	72100	72100				
169	8.26	5200	72800	72800				
193	7.25	4560	73200	73200				
238	5.89	3710	73700	73700				
280	5.00	3140	73900	73900				
9.9	141.12*	8160	53000	53000	R 137 DRL 180M4	445	404	
11	128.18	8160	53000	53000				
12	113.72	8160	53000	53000				
14	103.20*	8160	53000	53000				
16	88.70*	8160	53000	53000				
17	80.91*	8160	53000	53000				
19	73.49	8160	53000	53000				
21	65.20	8160	53000	53000				
24	59.17*	8160	53000	53000				
28	50.86*	8160	53000	53000				
32	44.39	8160	53000	53000				
37	37.65	8160	53000	53000				
43	32.91	8160	53000	53000				
50	27.83	8160	53000	53000				
47	29.57*	7830	53700	53700	R 137 DRL 180M4	435	404	
58	24.12	8160	53000	53000				
64	22.00*	8160	53000	53000				
74	19.04*	8160	53000	53000				
83	16.80*	8160	53000	53000				
96	14.51	8160	53000	53000				
109	12.83	8080	53200	53200				
130	10.79	6790	55700	55700				
161	8.71	5480	57800	57800				
184	7.59	4780	58700	58700				
219	6.38	4010	59500	59500				
272	5.15	3240	60200	60200				
11	127.68	4360	29100	29100	R 107 DRL 180M4	360	402	
12	115.63	4360	29100	29100				
14	102.53	4360	29100	29100				
15	92.70	4360	29100	29100				
18	78.57	4360	29100	29100				
21	65.60*	4360	29100	29100				
24	59.41	4360	29100	29100				
27	52.68	4360	29100	29100				
29	47.63	4360	29100	29100				
35	40.37*	4360	29100	29100				
40	35.26	4360	29100	29100				
47	29.49	4360	29100	29100				

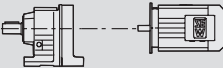
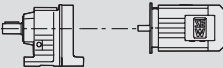
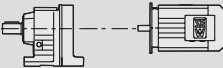
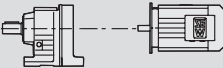
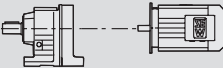
DRL180M4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
56	24.90*	4360	29100	29100	R 107 DRL 180M4 RF 107 DRL 180M4	355	402
62	22.62	4360	29100	29100		360	403
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100			
121	11.59	4360	29100	29100			
138	10.13	4360	29100	29100			
164	8.56	4360	29100	29100			
178	7.86	3820	31800	31800			
210	6.66	3820	31800	31800			
241	5.82	3660	32500	32500			
285	4.92	3100	34600	34600			
15	92.48	3090	16000	16000	R 97 DRL 180M4 RF 97 DRL 180M4	305	400
17	83.15	3090	16000	16000		320	401
19	72.17	3090	16000	16000			
29	47.58	3090	16000	16000			
33	42.78	3090	16000	16000			
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			
70	20.14	3090	16000	16000	R 97 DRL 180M4 RF 97 DRL 180M4	300	400
77	18.24	3090	16000	16000		320	401
87	16.17	3090	16000	16000			
96	14.62	3090	16000	16000			
113	12.39	3090	16000	16000			
129	10.83	3090	16000	16000			
151	9.29	2560	23800	23800			
167	8.39	2560	23800	23800			
197	7.12	2560	23800	23800			
225	6.21	2560	23800	23800			
269	5.20	2560	23800	23800			
311	4.50*	2440	24400	24400			
38	36.84*	1550	16900	16900	R 87 DRL 180M4 RF 87 DRL 180M4	260	397
43	32.66*	1550	16900	16900		270	398
50	27.88	1550	16900	16900			
82	17.08*	1550	16900	16900	R 87 DRL 180M4 RF 87 DRL 180M4	260	397
91	15.35	1550	16900	16900		270	398
105	13.33	1550	16900	16900			
117	11.93	1550	16900	16900			
141	9.90*	1550	16900	16900			
153	9.14*	1270	18600	18600			
170	8.22	1270	18600	18600			
196	7.13	1270	18600	18600			
219	6.39	1270	18600	18600			
264	5.30*	1270	18600	18600			
333	4.20*	1000	30000	30000	RX 107 DRL 180M4 RXF 107 DRL 180M4	300	383
367	3.81	1130	30000	30000		315	384
414	3.38	1130	30000	30000			
456	3.07	1130	30000	30000			
530	2.64*	1120	30000	30000			
609	2.30	1110	30000	30000			
718	1.95	1090	30000	30000			
819	1.71	1050	30000	30000			
972	1.44	900	30000	30000			
385	3.64*	800	20000	20000	RX 97 DRL 180M4 RXF 97 DRL 180M4	265	381
424	3.30	800	20000	20000		275	382
479	2.92	800	20000	20000			
530	2.64	800	20000	20000			
625	2.24*	800	20000	20000			
714	1.96	800	20000	20000			
854	1.64	755	20000	20000			
986	1.42	680	20000	20000			

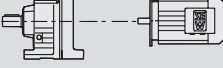
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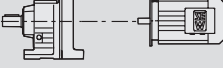
DRL180M4BF30						n_e=1400 rpm	
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
507	2.76*	535	12400	12400		RX 87 DRL 180M4 RXF 87 DRL 180M4	240 379 245 380
565	2.48	540	12300	12300			
651	2.15	540	12300	12300			
725	1.93	530	12300	12300			
875	1.60*	470	12500	12500			
1005	1.39	435	12700	12700			

DRL180L4BF30						n_e=1400 rpm	
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
7.5	186.93*	21800	120000	120000		R 167 DRL 180L4 RF 167 DRL 180L4	830 408 840 409
9.2	153.07	21800	120000	120000			
10	139.98	21800	120000	120000			
11	121.81*	21800	120000	120000			
13	107.49	21800	120000	120000			
15	93.19	21800	120000	120000			
17	82.91*	21800	120000	120000			
19	73.70*	21800	120000	120000			
21	67.40	21800	120000	120000			
24	58.65	21800	120000	120000			
27	51.76	21800	120000	120000			
31	44.87	21800	120000	120000			
35	39.92	21800	120000	120000			
41	34.41	21600	120000	120000			
50	27.96	17600	120000	120000			
59	23.71	14900	120000	120000			
37	37.74	11700	120000	120000		R 167 DRL 180L4 RF 167 DRL 180L4	820 408 830 409
46	30.71	13500	120000	120000			
57	24.57	15400	120000	120000			
64	21.85	13700	120000	120000			
74	19.03	11900	120000	120000			
82	16.98	10600	120000	120000			
97	14.48	9110	120000	120000			
117	11.99	7550	120000	120000			
137	10.24	6440	120000	120000			
9.5	146.91	13000	62700	62700		R 147 DRL 180L4 RF 147 DRL 180L4	580 406 590 407
12	119.86	13000	62700	62700			
13	109.31	13000	62700	62700			
15	94.60*	13000	62700	62700			
17	83.47	13000	62700	62700			
19	72.09	13000	62700	62700			
21	66.99	13000	62700	62700			
23	61.09	13000	62700	62700			
26	52.87	13000	62700	62700			
30	46.65	13000	62700	62700			
35	40.29	13000	62700	62700			
39	35.64	13000	62700	62700			
47	29.95	13000	62700	62700			
58	24.19	13000	62700	62700			
68	20.44	12800	63100	63100		R 147 DRL 180L4 RF 147 DRL 180L4	570 406 580 407
78	18.04	11300	65800	65800			
90	15.64	9850	68000	68000			
101	13.91	8760	69400	69400			
117	11.99	7550	70800	70800			
144	9.74	6130	72100	72100			
169	8.26	5200	72800	72800			
193	7.25	4560	73200	73200			
238	5.89	3710	73700	73700			
280	5.00	3140	73900	73900			

DRL180L4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg	
			R	RF			
9.9	141.12*	8160	53000	53000			
11	128.18	8160	53000	53000			
12	113.72	8160	53000	53000			
14	103.20*	8160	53000	53000			
16	88.70*	8160	53000	53000			
17	80.91*	8160	53000	53000			
19	73.49	8160	53000	53000	R	137	DRL 180L4 455 404
21	65.20	8160	53000	53000	RF	137	DRL 180L4 480 405
24	59.17*	8160	53000	53000			
28	50.86*	8160	53000	53000			
32	44.39	8160	53000	53000			
37	37.65	8160	53000	53000			
43	32.91	8160	53000	53000			
50	27.83	8160	53000	53000			
47	29.57*	7830	53700	53700			
58	24.12	8160	53000	53000			
64	22.00*	8160	53000	53000			
74	19.04*	8160	53000	53000			
83	16.80*	8160	53000	53000			
96	14.51	8160	53000	53000	R	137	DRL 180L4 445 404
109	12.83	8080	53200	53200	RF	137	DRL 180L4 470 405
130	10.79	6790	55700	55700			
161	8.71	5480	57800	57800			
184	7.59	4780	58700	58700			
219	6.38	4010	59500	59500			
272	5.15	3240	60200	60200			
11	127.68	4360	29100	29100			
12	115.63	4360	29100	29100			
14	102.53	4360	29100	29100			
15	92.70	4360	29100	29100			
18	78.57	4360	29100	29100			
21	65.60*	4360	29100	29100	R	107	DRL 180L4 370 402
24	59.41	4360	29100	29100	RF	107	DRL 180L4 380 403
27	52.68	4360	29100	29100			
29	47.63	4360	29100	29100			
35	40.37*	4360	29100	29100			
40	35.26	4360	29100	29100			
47	29.49	4360	29100	29100			
56	24.90*	4360	29100	29100			
62	22.62	4360	29100	29100			
70	20.07	4360	29100	29100			
77	18.21	4360	29100	29100			
89	15.65	4360	29100	29100			
102	13.66	4360	29100	29100	R	107	DRL 180L4 365 402
121	11.59	4360	29100	29100	RF	107	DRL 180L4 370 403
138	10.13	4360	29100	29100			
164	8.56	4360	29100	29100			
178	7.86	3820	31800	31800			
210	6.66	3820	31800	31800			
241	5.82	3660	32500	32500			
285	4.92	3100	34600	34600			
15	92.48	3090	16000	16000			
17	83.15	3090	16000	16000			
19	72.17	3090	16000	16000			
29	47.58	3090	16000	16000	R	97	DRL 180L4 315 400
33	42.78	3090	16000	16000	RF	97	DRL 180L4 330 401
38	37.13	3090	16000	16000			
42	33.25	3090	16000	16000			
51	27.58	3090	16000	16000			

DRL180L4BF30						n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N			m kg			
			R	RF					
70	20.14	3090	16000	16000					
77	18.24	3090	16000	16000					
87	16.17	3090	16000	16000					
96	14.62	3090	16000	16000					
113	12.39	3090	16000	16000					
129	10.83	3090	16000	16000					
151	9.29	2560	23800	23800	R 97	DRL 180L4	310	400	
167	8.39	2560	23800	23800	RF 97	DRL 180L4	330	401	
197	7.12	2560	23800	23800					
225	6.21	2560	23800	23800					
269	5.20	2560	23800	23800					
311	4.50*	2440	24400	24400					
38	36.84*	1550	16900	16900	R 87	DRL 180L4	275	397	
43	32.66*	1550	16900	16900	RF 87	DRL 180L4	280	398	
50	27.88	1550	16900	16900					
82	17.08*	1550	16900	16900					
91	15.35	1550	16900	16900					
105	13.33	1550	16900	16900					
117	11.93	1550	16900	16900					
141	9.90*	1550	16900	16900	R 87	DRL 180L4	270	397	
153	9.14*	1270	18600	18600	RF 87	DRL 180L4	280	398	
170	8.22	1270	18600	18600					
196	7.13	1270	18600	18600					
219	6.39	1270	18600	18600					
264	5.30*	1270	18600	18600					
333	4.20*	1000	30000	30000					
367	3.81	1130	30000	30000					
414	3.38	1130	30000	30000					
456	3.07	1130	30000	30000					
530	2.64*	1120	30000	30000	RX 107	DRL 180L4	310	383	
609	2.30	1110	30000	30000	RXF 107	DRL 180L4	330	384	
718	1.95	1090	30000	30000					
819	1.71	1050	30000	30000					
972	1.44	900	30000	30000					
385	3.64*	800	20000	20000					
424	3.30	800	20000	20000					
479	2.92	800	20000	20000					
530	2.64	800	20000	20000	RX 97	DRL 180L4	280	381	
625	2.24*	800	20000	20000	RXF 97	DRL 180L4	285	382	
714	1.96	800	20000	20000					
854	1.64	755	20000	20000					
986	1.42	680	20000	20000					
507	2.76*	535	12400	12400					
565	2.48	540	12300	12300					
651	2.15	540	12300	12300	RX 87	DRL 180L4	255	379	
725	1.93	530	12300	12300	RXF 87	DRL 180L4	260	380	
875	1.60*	470	12500	12500					
1005	1.39	435	12700	12700					

DRL180LC4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF¹⁾} N				m kg	
			R	RF				
9.2	153.07	21800	120000	120000				
10	139.98	21800	120000	120000				
11	121.81*	21800	120000	120000				
13	107.49	21800	120000	120000				
15	93.19	21800	120000	120000				
17	82.91*	21800	120000	120000				
19	73.70*	21800	120000	120000				
21	67.40	21800	120000	120000				
24	58.65	21800	120000	120000				
27	51.76	21800	120000	120000				
31	44.87	21800	120000	120000				
35	39.92	21800	120000	120000				
41	34.41	21800	120000	120000				
50	27.96	21300	120000	120000				
59	23.71	18000	120000	120000				
46	30.71	13500	120000	120000				
57	24.57	16000	120000	120000				
64	21.85	15500	120000	120000				
74	19.03	14500	120000	120000				
82	16.98	12900	120000	120000				
97	14.48	11000	120000	120000				
117	11.99	9150	120000	120000				
137	10.24	7810	120000	120000				
12	119.86	13000	62700	62700				
13	109.31	13000	62700	62700				
15	94.60*	13000	62700	62700				
17	83.47	13000	62700	62700				
19	72.09	13000	62700	62700				
21	66.99	13000	62700	62700				
23	61.09	13000	62700	62700				
26	52.87	13000	62700	62700				
30	46.65	13000	62700	62700				
35	40.29	13000	62700	62700				
39	35.64	13000	62700	62700				
47	29.95	13000	62700	62700				
58	24.19	13000	62700	62700				
68	20.44	13000	62700	62700				
78	18.04	13000	62700	62700				
90	15.64	11900	64700	64700				
101	13.91	10600	66900	66900				
117	11.99	9140	68900	68900				
144	9.74	7430	70900	70900				
169	8.26	6300	72000	72000				
193	7.25	5530	72600	72600				
238	5.89	4490	73300	73300				
280	5.00	3810	73600	73600				
12	113.72	8160	53000	53000				
14	103.20*	8160	53000	53000				
16	88.70*	8160	53000	53000				
21	65.20	8160	53000	53000				
24	59.17*	8160	53000	53000				
28	50.86*	8160	53000	53000				
32	44.39	8160	53000	53000				
37	37.65	8160	53000	53000				
43	32.91	8160	53000	53000				
50	27.83	8160	53000	53000				
58	24.12	8160	53000	53000				
64	22.00*	8160	53000	53000				
74	19.04*	8160	53000	53000				
83	16.80*	8160	53000	53000				
96	14.51	8160	53000	53000				
109	12.83	8160	53000	53000				
130	10.79	8160	53000	53000				
161	8.71	6640	56000	56000				
184	7.59	5790	57300	57300				
219	6.38	4860	58600	58600				
272	5.15	3930	59600	59600				

R 167 DRL 180LC4 840 408
RF 167 DRL 180LC4 850 409

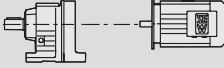
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RF 167 DRL 180LC4 840 409

R 147 DRL 180LC4 600 406
RF 147 DRL 180LC4 600 407

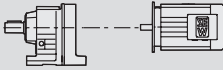
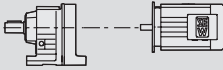
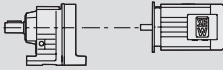
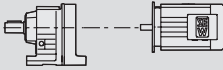
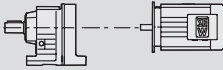
R 147 DRL 180LC4 580 406
RF 147 DRL 180LC4 590 407

R 137 DRL 180LC4 465 404
RF 137 DRL 180LC4 490 405

R 137 DRL 180LC4 455 404
RF 137 DRL 180LC4 480 405

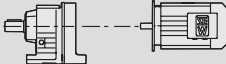
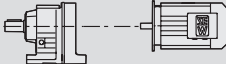
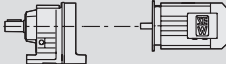
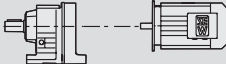
DRL180LC4BF30					n _e =1400 rpm				
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N			m kg			
			R	RF					
14	102.53	4360	29100	29100	R 107 DRL 180LC4 RF 107 DRL 180LC4	385 402 390 403			
15	92.70	4360	29100	29100					
18	78.57	4360	29100	29100					
27	52.68	4360	29100	29100					
29	47.63	4360	29100	29100					
35	40.37*	4360	29100	29100					
40	35.26	4360	29100	29100					
47	29.49	4360	29100	29100					
70	20.07	4360	29100	29100	R 107 DRL 180LC4 RF 107 DRL 180LC4	375 402 385 403			
77	18.21	4360	29100	29100					
89	15.65	4360	29100	29100					
102	13.66	4360	29100	29100					
121	11.59	4360	29100	29100					
138	10.13	4360	29100	29100					
164	8.56	4360	29100	29100					
178	7.86	3820	31800	31800					
210	6.66	3820	31800	31800					
241	5.82	3820	31800	31800					
285	4.92	3750	32100	32100					
19	72.17	3090	16000	16000					R 97 DRL 180LC4 RF 97 DRL 180LC4
38	37.13	3090	16000	16000					
42	33.25	3090	16000	16000					
51	27.58	3090	16000	16000					
87	16.17	3090	16000	16000	R 97 DRL 180LC4 RF 97 DRL 180LC4	325 400 340 401			
96	14.62	3090	16000	16000					
113	12.39	3090	16000	16000					
129	10.83	3090	16000	16000					
151	9.29	2560	23800	23800					
167	8.39	2560	23800	23800					
197	7.12	2560	23800	23800					
225	6.21	2560	23800	23800					
269	5.20	2560	23800	23800					
311	4.50*	2440	24400	24400					
105	13.33	1550	16900	16900	R 87 DRL 180LC4 RF 87 DRL 180LC4	285 397 290 398			
117	11.93	1550	16900	16900					
141	9.90*	1550	16900	16900					
196	7.13	1270	18600	18600					
219	6.39	1270	18600	18600					
264	5.30*	1270	18600	18600					
414	3.38	1130	30000	30000	RX 107 DRL 180LC4 RXF 107 DRL 180LC4	320 383 340 384			
456	3.07	1130	30000	30000					
530	2.64*	1120	30000	30000					
609	2.30	1110	30000	30000					
718	1.95	1090	30000	30000					
819	1.71	1050	30000	30000					
972	1.44	960	30000	30000					
479	2.92	800	20000	20000					RX 97 DRL 180LC4 RXF 97 DRL 180LC4
530	2.64	800	20000	20000					
625	2.24*	800	20000	20000					
714	1.96	800	20000	20000					
854	1.64	755	20000	20000					
986	1.42	680	20000	20000					
651	2.15	540	12300	12300	RX 87 DRL 180LC4 RXF 87 DRL 180LC4	265 379 270 380			
725	1.93	530	12300	12300					
875	1.60*	470	12500	12500					
1005	1.39	435	12700	12700					

10.2.2 Auswahltabellen F..DRL.. mit BF..

DRL132S4BF11							n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				 				
			F	FF	FA	FAF	m kg				
8.2	170.83	13000	88500	84100	90000	90000		FA 127 DRL 132S4	450	436	
9.1	153.67*	13000	88500	84100	90000	90000					
11	125.37	13000	88500	84100	90000	90000					
12	114.34	13000	88500	84100	90000	90000					
14	98.95	13000	88500	84100	90000	90000					
16	87.31*	13000	88500	84100	90000	90000					
19	75.41*	13000	88500	84100	90000	90000					
20	70.07	12900	88700	84500	90000	90000					
22	63.91	12900	88700	84500	90000	90000					
25	55.31	12000	90000	87700	90000	90000					
29	48.80	10600	90000	90000	90000	90000					
33	42.15	9210	90000	90000	90000	90000					
38	37.28	8150	90000	90000	90000	90000					
45	31.33	6850	90000	90000	90000	90000					
52	26.86	5870	90000	90000	90000	90000		FA 127 DRL 132S4	440	436	
57	24.57	5370	90000	90000	90000	90000					
65	21.38	4670	90000	90000	90000	90000					
74	18.87	4120	90000	90000	90000	90000					
86	16.36	3570	90000	90000	90000	90000					
96	14.55	3180	90000	90000	90000	90000					
112	12.54	2740	90000	90000	90000	90000					
158	8.86	1930	90000	90000	90000	90000					
178	7.88	1720	90000	90000	90000	90000					
206	6.80	1480	90000	90000	90000	90000					
5.5	254.40*	8860	46500	45600	65000	65000		FA 107 DRL 132S4	300	432	
6.5	215.37	8860	46500	45600	65000	65000					
7.0	199.31	8860	46500	45600	65000	65000					
7.8	178.64	8860	46500	45600	65000	65000					
8.7	161.28*	8860	46500	45600	65000	65000					
9.6	146.49	8860	46500	45600	65000	65000					
11	129.97	8860	46500	45600	65000	65000					
12	117.94	8860	46500	45600	65000	65000					
14	101.38*	8860	46500	45600	65000	65000					
15	92.47*	8860	46500	45600	65000	65000					
16	88.49	8860	46500	45600	65000	65000					
17	83.99	8860	46500	45600	65000	65000					
19	74.52	8860	46500	45600	65000	65000					
21	67.62	8860	46500	45600	65000	65000					
24	58.12*	8860	46500	45600	65000	65000					
28	50.73	8860	46500	45600	65000	65000					
33	43.03	8860	46500	45600	65000	65000					
37	37.61	8220	48400	48600	65000	65000					
44	31.80	6950	51700	54300	65000	65000					
41	33.79*	6120	53700	57800	65000	65000		FA 107 DRL 132S4	290	432	
51	27.57	5730	54700	59400	65000	65000					
56	25.14	5490	55200	60400	65000	65000					
64	21.76*	4750	56900	63300	65000	65000					
73	19.20*	4190	58000	65000	65000	65000					
84	16.58	3620	59200	65000	65000	65000					
95	14.67	3200	60000	65000	65000	65000					
114	12.33	2690	61000	65000	65000	65000					
144	9.69	2110	61700	65000	65000	65000					
167	8.37	1830	62200	65000	65000	65000					
189	7.40	1610	62600	65000	65000	65000					
225	6.22	1360	63100	65000	65000	65000					

DRL132S4BF11

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			F	FF	FA	FAF			
6.2	223.88	4360	29700	28200	40000	40000		225	428
7.4	189.92	4360	29700	28200	40000	40000			
8.0	174.87	4360	29700	28200	40000	40000			
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
14	97.58	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
32	43.28	4360	29700	28200	40000	40000		220	428
38	36.64	4190	30200	28500	40000	40000			
41	33.91	4360	29700	28200	40000	40000			
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	3770	31400	29200	40000	40000			
93	15.06	3290	32600	29900	40000	40000			
110	12.77	2790	33800	30600	40000	40000			
125	11.16	2440	34500	30900	40000	40000			
155	9.06	1870	35400	31400	40000	40000			
170	8.22	1790	35500	31500	40000	40000			
198	7.07	1540	36000	31700	40000	40000			
227	6.17	1340	36300	31800	40000	40000			
268	5.23	1140	36700	31900	40000	40000			
306	4.57	1000	36900	32000	40000	40000			
362	3.87	840	37100	32000	40000	40000			
8.8	159.61	3090	16000	16000	30000	30000		160	424
10	134.16	3090	16000	16000	30000	30000			
11	123.29	3090	16000	16000	30000	30000			
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			
8.8	159.61	3090	16000	16000	30000	30000			
10	134.16	3090	16000	16000	30000	30000			
11	123.29	3090	16000	16000	30000	30000			
13	109.49	3090	16000	16000	30000	30000			
14	97.89	3090	16000	16000	30000	30000			
16	88.01	3090	16000	16000	30000	30000			
18	76.39	3090	16000	16000	30000	30000			
20	68.40	3090	16000	16000	30000	30000			
25	56.75	3090	16000	16000	30000	30000			
28	50.36	3090	16000	16000	30000	30000			
31	45.28	3090	16000	16000	30000	30000			
36	39.30	3090	16000	16000	30000	30000			
40	35.19	3090	16000	16000	30000	30000			
48	29.20	3090	16000	16000	30000	30000			

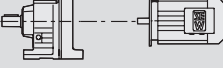
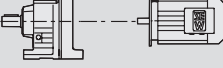
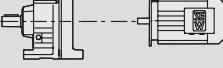
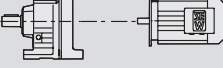
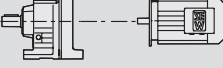
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 FAF 97 DRL 132S4 265 427
 F 97 DRL 132S4 225 428
 FF 97 DRL 132S4 245 427

FA 97 DRL 132S4 220 428
 FAF 97 DRL 132S4 260 427
 F 97 DRL 132S4 220 428
 FF 97 DRL 132S4 240 427

FA 87 DRL 132S4 160 424
 FAF 87 DRL 132S4 180 423
 F 87 DRL 132S4 160 424
 FF 87 DRL 132S4 175 423

DRL132S4BF11

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
41	33.92	3090	16000	16000	30000	30000		87	DRL 132S4
49	28.78	3090	16000	16000	30000	30000			
53	26.50	3090	16000	16000	30000	30000			
59	23.68	3090	16000	16000	30000	30000			
66	21.32*	3090	16000	16000	30000	30000			
72	19.31	3090	16000	16000	30000	30000			
82	17.12	3090	16000	16000	30000	30000			
90	15.48	3090	16000	16000	30000	30000			
107	13.12*	2860	23500	21700	30000	30000			
122	11.46	2500	24800	22400	30000	30000			
146	9.58	2090	26200	23200	30000	30000			
169	8.29	1570	27400	23900	30000	30000			
190	7.35	1510	27600	24000	30000	30000			
211	6.65	1450	27800	24100	30000	30000			
249	5.63	1230	28300	24300	30000	30000			
285	4.92	1070	28700	24500	30000	30000			
340	4.12	900	29100	24600	30000	30000			
12	114.45	1530	15500	17000	20000	20000		77	DRL 132S4
13	108.46*	1530	15500	17000	20000	20000			
15	94.93	1530	15500	17000	20000	20000			
16	85.52	1530	15500	17000	20000	20000			
19	75.02	1530	15500	17000	20000	20000			
24	58.32	1530	15500	17000	20000	20000			
25	55.27	1530	15500	17000	20000	20000			
29	48.37	1530	15500	17000	20000	20000			
32	43.58	1530	15500	17000	20000	20000			
37	38.23	1530	15500	17000	20000	20000			
41	33.74	1530	15500	17000	20000	20000			
47	29.91	1530	15500	17000	20000	20000			
55	25.54	1530	15500	17000	20000	20000			
55	25.50*	1530	15500	17000	20000	20000		77	DRL 132S4
65	21.43	1530	15500	17000	20000	20000			
71	19.70	1530	15500	17000	20000	20000			
80	17.49	1530	15500	17000	20000	20000			
90	15.64*	1530	15500	17000	20000	20000			
100	14.06	1530	15500	17000	20000	20000			
115	12.20	1530	15500	17000	20000	20000			
128	10.93	1530	15500	17000	20000	20000			
151	9.30	1330	16800	17400	20000	20000			
169	8.26	1330	16800	17400	20000	20000			
189	7.39	1320	16800	17400	20000	20000			
211	6.64	1270	17100	17600	20000	20000			
243	5.76	1190	17500	17800	20000	20000			
271	5.16	1120	17800	18000	20000	20000			
327	4.28	930	18600	18600	20000	20000			
15	95.94	920	9310	9310	13000	13000		67	DRL 132S4
15	90.59	920	9310	9310	13000	13000			
26	53.73	920	9310	9310	13000	13000			
28	50.74	920	9310	9310	13000	13000			
32	43.20	920	9310	9310	13000	13000			
36	39.26	920	9310	9310	13000	13000			
41	34.01	920	9310	9310	13000	13000			

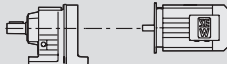
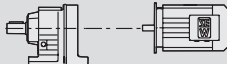
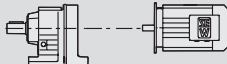
FA	87	DRL 132S4	160	424
FAF	87	DRL 132S4	180	423
F	87	DRL 132S4	160	424
FF	87	DRL 132S4	170	423

FA	77	DRL 132S4	120	420
FAF	77	DRL 132S4	135	419
F	77	DRL 132S4	120	420
FF	77	DRL 132S4	130	419

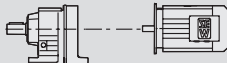
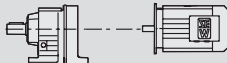
FA	77	DRL 132S4	120	420
FAF	77	DRL 132S4	135	419
F	77	DRL 132S4	120	420
FF	77	DRL 132S4	125	419

FA	67	DRL 132S4	99	416
FAF	67	DRL 132S4	110	415
F	67	DRL 132S4	99	416
FF	67	DRL 132S4	105	415

DRL132S4BF11**n_e=1400 rpm**

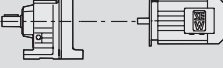
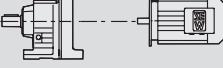
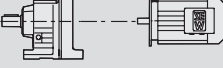
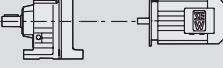
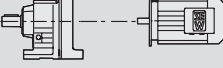
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg		
			F	FF	FA	FAF				
63	22.05	920	9310	9310	13000	13000		97	416	
67	20.90*	920	9310	9310	13000	13000				
77	18.29	920	9310	9310	13000	13000				
85	16.48	920	9310	9310	13000	13000				
97	14.46	920	9310	9310	13000	13000				
110	12.76	920	9310	9310	13000	13000				
124	11.31	920	9310	9310	13000	13000				
145	9.66	920	9310	9310	13000	13000				
154	9.08	610	11800	11800	13000	13000				
163	8.60	640	11700	11700	13000	13000				
186	7.53	715	11200	11200	13000	13000				
206	6.78	710	11200	11200	13000	13000				
235	5.95	705	11200	11200	13000	13000				
267	5.25	705	11200	11200	13000	13000				
300	4.66	700	11300	11300	13000	13000				
353	3.97	695	11300	11300	13000	13000				
37	38.21	645	6930	6930	11500	11500				FA 57
39	35.79	645	6930	6930	11500	11500	FAF 57	DRL 132S4	100	411
46	30.15	645	6930	6930	11500	11500	F 57	DRL 132S4	95	412
							FF 57	DRL 132S4	100	411
83	16.81	645	6930	6930	11500	11500		94	412	
88	15.88	645	6930	6930	11500	11500				
104	13.52	645	6930	6930	11500	11500				
114	12.29	645	6930	6930	11500	11500				
132	10.64	645	6930	6930	11500	11500				
171	8.19	480	9880	8460	11500	11500				
181	7.73	480	9880	8460	11500	11500				
213	6.58	480	9880	8460	11500	11500				
234	5.98	475	9910	8490	11500	11500				
270	5.18	475	9910	8490	11500	11500				

DRL132MC4BF11**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
8.2	170.83	13000	88500	84100	90000	90000		465	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12200	90000	87000	90000	90000			
38	37.28	11500	90000	89400	90000	90000			
45	31.33	10600	90000	90000	90000	90000			
55	25.30	9240	90000	90000	90000	90000			
52	26.86	6030	90000	90000	90000	90000			
57	24.57	5870	90000	90000	90000	90000			
65	21.38	5590	90000	90000	90000	90000			
74	18.87	5340	90000	90000	90000	90000			
86	16.36	5030	90000	90000	90000	90000			
96	14.55	4780	90000	90000	90000	90000			
112	12.54	4480	90000	90000	90000	90000			
137	10.19	3720	90000	90000	90000	90000			
158	8.86	2720	90000	90000	90000	90000			
178	7.88	2590	90000	90000	90000	90000			
206	6.80	2430	90000	90000	90000	90000			
254	5.52	2010	90000	90000	90000	90000			

DRL132MC4BF11

n_e=1400 rpm

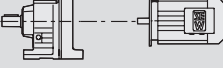
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
7.0	199.31	8860	46500	45600	65000	65000		107	DRL 132MC4
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	6210	53500	57400	65000	65000		107	DRL 132MC4
51	27.57	5730	54700	59400	65000	65000			
56	25.14	5560	55000	60100	65000	65000			
64	21.76*	5280	55700	61200	65000	65000			
73	19.20*	5050	56200	62100	65000	65000			
84	16.58	4760	56800	63200	65000	65000			
95	14.67	4500	57400	64200	65000	65000			
114	12.33	4120	58200	65000	65000	65000			
141	9.96	3630	59200	65000	65000	65000			
144	9.69	2550	60800	65000	65000	65000			
167	8.37	2400	61100	65000	65000	65000			
189	7.40	2270	61400	65000	65000	65000			
225	6.22	2080	61700	65000	65000	65000			
278	5.03	1830	62200	65000	65000	65000			
8.0	174.87	4360	29700	28200	40000	40000		97	DRL 132MC4
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
41	33.91	4360	29700	28200	40000	40000		97	DRL 132MC4
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4210	30200	28400	40000	40000			
93	15.06	3980	30800	28800	40000	40000			
110	12.77	3680	31600	29300	40000	40000			
125	11.16	3440	32200	29700	40000	40000			
155	9.06	1890	35300	31400	40000	40000			
170	8.22	1830	35400	31500	40000	40000			
198	7.07	1720	35600	31500	40000	40000			
227	6.17	1630	35800	31600	40000	40000			
268	5.23	1510	36000	31700	40000	40000			
306	4.57	1410	36200	31700	40000	40000			
362	3.87	1300	36400	31800	40000	40000			

FA 107 DRL 132MC4 315 432
FAF 107 DRL 132MC4 360 431
F 107 DRL 132MC4 315 432
FF 107 DRL 132MC4 335 431

FA 107 DRL 132MC4 305 432
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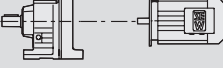
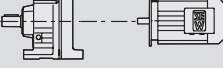
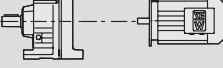
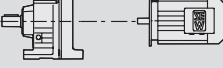
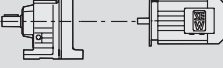
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FAF 97 DRL 132MC4 280 427
F 97 DRL 132MC4 240 428
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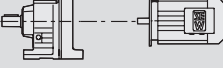
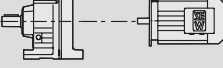
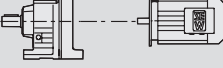
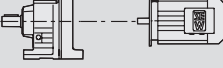
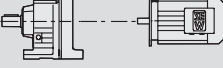
FA 97 DRL 132MC4 235 428
FAF 97 DRL 132MC4 275 427
F 97 DRL 132MC4 235 428
FF 97 DRL 132MC4 255 427

DRL132MC4BF11							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				 m kg			
			F	FF	FA	FAF				
11	123.29	3090	16000	16000	30000	30000	FA 87 DRL 132MC4 175 424 FAF 87 DRL 132MC4 200 423 F 87 DRL 132MC4 175 424 FF 87 DRL 132MC4 190 423			
13	109.49	3090	16000	16000	30000	30000				
14	97.89	3090	16000	16000	30000	30000				
16	88.01	3090	16000	16000	30000	30000				
18	76.39	3090	16000	16000	30000	30000				
20	68.40	3090	16000	16000	30000	30000				
25	56.75	3090	16000	16000	30000	30000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000	FA 87 DRL 132MC4 175 424 FAF 87 DRL 132MC4 195 423 F 87 DRL 132MC4 175 424 FF 87 DRL 132MC4 185 423			
48	29.20	3090	16000	16000	30000	30000				
53	26.50	3090	16000	16000	30000	30000				
59	23.68	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3030	18600	18600	30000	30000				
146	9.58	2760	23900	21900	30000	30000	FA 77 DRL 132MC4 140 420 FAF 77 DRL 132MC4 150 419 F 77 DRL 132MC4 140 420 FF 77 DRL 132MC4 145 419			
169	8.29	1590	27400	23900	30000	30000				
190	7.35	1530	27500	24000	30000	30000				
211	6.65	1480	27700	24000	30000	30000				
249	5.63	1370	28000	24200	30000	30000				
285	4.92	1300	28100	24200	30000	30000				
340	4.12	1180	28400	24400	30000	30000				
32	43.58	1530	15500	17000	20000	20000				
37	38.23	1530	15500	17000	20000	20000				
41	33.74	1530	15500	17000	20000	20000				
47	29.91	1530	15500	17000	20000	20000				
55	25.54	1530	15500	17000	20000	20000	FA 77 DRL 132MC4 135 420 FAF 77 DRL 132MC4 150 419 F 77 DRL 132MC4 135 420 FF 77 DRL 132MC4 145 419			
71	19.70	1530	15500	17000	20000	20000				
80	17.49	1530	15500	17000	20000	20000				
90	15.64*	1530	15500	17000	20000	20000				
100	14.06	1530	15500	17000	20000	20000				
115	12.20	1530	15500	17000	20000	20000				
128	10.93	1530	15500	17000	20000	20000				
151	9.30	1330	16800	17400	20000	20000				
169	8.26	1330	16800	17400	20000	20000				
189	7.39	1330	16800	17400	20000	20000				
211	6.64	1280	17000	17500	20000	20000	FA 67 DRL 132MC4 115 416 FAF 67 DRL 132MC4 125 415 F 67 DRL 132MC4 115 416 FF 67 DRL 132MC4 120 415			
243	5.76	1210	17400	17700	20000	20000				
271	5.16	1150	17700	17900	20000	20000				
327	4.28	1050	18100	18200	20000	20000				
85	16.48	920	9310	9310	13000	13000				
97	14.46	920	9310	9310	13000	13000				
110	12.76	920	9310	9310	13000	13000				
124	11.31	920	9310	9310	13000	13000				
145	9.66	920	9310	9310	13000	13000				
206	6.78	710	11200	11200	13000	13000				
235	5.95	705	11200	11200	13000	13000				
267	5.25	705	11200	11200	13000	13000				
300	4.66	700	11300	11300	13000	13000				
353	3.97	695	11300	11300	13000	13000				

DRL160M4BF20

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
5.2	267.43	18000	100300	100300	120000	120000		750	440
6.4	217.62*	18000	100300	100300	120000	120000			
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	16900	103400	103400	120000	120000			
35	40.06	14600	109000	109000	120000	120000			
43	32.55	11800	114500	114500	120000	120000			
26	53.55	11000	115800	115800	120000	120000		750	440
32	43.94*	10700	116200	116200	120000	120000			
39	35.75*	9920	117400	117400	120000	120000			
49	28.60*	9290	118200	118200	120000	120000			
55	25.43	8970	118600	118600	120000	120000			
63	22.16	8090	119700	119700	120000	120000			
71	19.77	7220	120000	120000	120000	120000			
83	16.85	6150	120000	120000	120000	120000			
100	13.96	5100	120000	120000	120000	120000			
8.2	170.83	13000	88500	84100	90000	90000		500	436
9.1	153.67*	13000	88500	84100	90000	90000			
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	11400	90000	89700	90000	90000			
55	25.30	9240	90000	90000	90000	90000			
52	26.86	7600	90000	90000	90000	90000		490	436
57	24.57	7410	90000	90000	90000	90000			
65	21.38	7070	90000	90000	90000	90000			
74	18.87	6770	90000	90000	90000	90000			
86	16.36	5970	90000	90000	90000	90000			
96	14.55	5310	90000	90000	90000	90000			
112	12.54	4580	90000	90000	90000	90000			
137	10.19	3720	90000	90000	90000	90000			
158	8.86	3230	90000	90000	90000	90000			
178	7.88	2880	90000	90000	90000	90000			
206	6.80	2480	90000	90000	90000	90000			
254	5.52	2010	90000	90000	90000	90000			

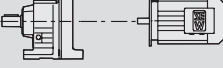
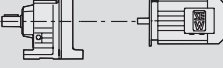
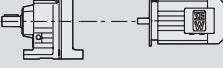
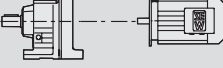
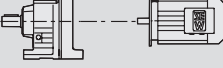
DRL160M4BF20							n _e =1400 rpm			
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N				 m kg			
			F	FF	FA	FAF				
7.0	199.31	8860	46500	45600	65000	65000	 FA 107 DRL 160M4 355 432 FAF 107 DRL 160M4 400 431 F 107 DRL 160M4 355 432 FF 107 DRL 160M4 375 431			
7.8	178.64	8860	46500	45600	65000	65000				
8.7	161.28*	8860	46500	45600	65000	65000				
9.6	146.49	8860	46500	45600	65000	65000				
11	129.97	8860	46500	45600	65000	65000				
12	117.94	8860	46500	45600	65000	65000				
14	101.38*	8860	46500	45600	65000	65000				
15	92.47*	8860	46500	45600	65000	65000				
16	88.49	8860	46500	45600	65000	65000				
17	83.99	8860	46500	45600	65000	65000				
19	74.52	8860	46500	45600	65000	65000				
21	67.62	8860	46500	45600	65000	65000				
24	58.12*	8860	46500	45600	65000	65000				
28	50.73	8860	46500	45600	65000	65000				
33	43.03	8860	46500	45600	65000	65000				
37	37.61	8860	46500	45600	65000	65000				
44	31.80	8860	46500	45600	65000	65000				
41	33.79*	7840	49400	50300	65000	65000	 FA 107 DRL 160M4 345 432 FAF 107 DRL 160M4 390 431 F 107 DRL 160M4 345 432 FF 107 DRL 160M4 365 431			
51	27.57	7270	50900	52900	65000	65000				
56	25.14	7080	51400	53700	65000	65000				
64	21.76*	6730	52300	55200	65000	65000				
73	19.20*	6460	52900	56400	65000	65000				
84	16.58	6050	53900	58100	65000	65000				
95	14.67	5350	55500	60900	65000	65000				
114	12.33	4500	57400	64300	65000	65000				
141	9.96	3630	59200	65000	65000	65000				
144	9.69	3260	59400	65000	65000	65000				
167	8.37	3050	59800	65000	65000	65000				
189	7.40	2700	60500	65000	65000	65000				
225	6.22	2270	61400	65000	65000	65000				
278	5.03	1830	62200	65000	65000	65000				
8.0	174.87	4360	29700	28200	40000	40000	 FA 97 DRL 160M4 280 428 FAF 97 DRL 160M4 320 427 F 97 DRL 160M4 280 428 FF 97 DRL 160M4 300 427			
9.0	156.30	4360	29700	28200	40000	40000				
10.0	140.71	4360	29700	28200	40000	40000				
11	127.42	4360	29700	28200	40000	40000				
12	112.99	4360	29700	28200	40000	40000				
14	102.16	4360	29700	28200	40000	40000				
16	89.85	4360	29700	28200	40000	40000				
16	86.59	4360	29700	28200	40000	40000				
17	80.31	4360	29700	28200	40000	40000				
19	75.63	4360	29700	28200	40000	40000				
19	72.29	4360	29700	28200	40000	40000				
21	65.47	4360	29700	28200	40000	40000				
24	58.06	4360	29700	28200	40000	40000				
27	52.49	4360	29700	28200	40000	40000				
31	44.49	4360	29700	28200	40000	40000				
36	38.86	4360	29700	28200	40000	40000				
43	32.50	4360	29700	28200	40000	40000				
41	33.91	4360	29700	28200	40000	40000	 FA 97 DRL 160M4 275 428 FAF 97 DRL 160M4 315 427 F 97 DRL 160M4 275 428 FF 97 DRL 160M4 295 427			
46	30.39	4360	29700	28200	40000	40000				
51	27.44*	4360	29700	28200	40000	40000				
56	24.92	4360	29700	28200	40000	40000				
63	22.11	4360	29700	28200	40000	40000				
70	20.07	4360	29700	28200	40000	40000				
81	17.25*	4360	29700	28200	40000	40000				
93	15.06	4360	29700	28200	40000	40000				
110	12.77	4360	29700	28200	40000	40000				
125	11.16	4070	30600	28700	40000	40000				
155	9.06	2400	34300	31000	40000	40000				
170	8.22	2330	34400	31000	40000	40000				
198	7.07	2200	34700	31100	40000	40000				
227	6.17	2080	34900	31300	40000	40000				
268	5.23	1910	35300	31400	40000	40000				
306	4.57	1670	35700	31600	40000	40000				
362	3.87	1410	36200	31700	40000	40000				

DRL160M4BF20

n_e=1400 rpm

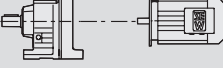
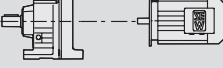
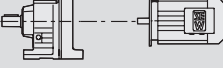
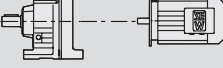
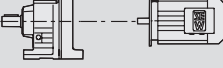
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N						m kg	
			F	FF	FA	FAF				
11	123.29	3090	16000	16000	30000	30000			215	424
13	109.49	3090	16000	16000	30000	30000				
14	97.89	3090	16000	16000	30000	30000				
16	88.01	3090	16000	16000	30000	30000				
18	76.39	3090	16000	16000	30000	30000				
20	68.40	3090	16000	16000	30000	30000				
25	56.75	3090	16000	16000	30000	30000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000			235	423
48	29.20	3090	16000	16000	30000	30000				
53	26.50	3090	16000	16000	30000	30000				
59	23.68	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000			210	424
169	8.29	1980	26200	23300	30000	30000				
190	7.35	1950	26300	23400	30000	30000				
211	6.65	1880	26500	23500	30000	30000				
249	5.63	1750	26900	23700	30000	30000				
285	4.92	1660	27200	23800	30000	30000				
340	4.12	1500	27600	24000	30000	30000				
32	43.58	1530	15500	17000	20000	20000				
37	38.23	1530	15500	17000	20000	20000				
41	33.74	1530	15500	17000	20000	20000				
47	29.91	1530	15500	17000	20000	20000			175	420
55	25.54	1530	15500	17000	20000	20000				
71	19.70	1530	15500	17000	20000	20000				
80	17.49	1530	15500	17000	20000	20000				
90	15.64*	1530	15500	17000	20000	20000				
100	14.06	1530	15500	17000	20000	20000				
115	12.20	1530	15500	17000	20000	20000				
128	10.93	1530	15500	17000	20000	20000				
151	9.30	1330	16800	17400	20000	20000				
169	8.26	1330	16800	17400	20000	20000				
189	7.39	1330	16800	17400	20000	20000			180	419
211	6.64	1320	16800	17400	20000	20000				
243	5.76	1320	16800	17400	20000	20000				
271	5.16	1320	16800	17400	20000	20000				
327	4.28	1310	16900	17400	20000	20000				

10

DRL160MC4BF20							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N							
			F	FF	FA	FAF				
5.2	267.43	18000	100300	100300	120000	120000				
6.4	217.62*	18000	100300	100300	120000	120000				
7.9	178.20*	18000	100300	100300	120000	120000				
8.6	162.96	18000	100300	100300	120000	120000				
9.9	141.80*	18000	100300	100300	120000	120000				
11	125.14	18000	100300	100300	120000	120000				
13	108.49	18000	100300	100300	120000	120000				
14	96.53*	18000	100300	100300	120000	120000				
16	85.80*	18000	100300	100300	120000	120000				
18	78.46	18000	100300	100300	120000	120000				
20	68.28*	18000	100300	100300	120000	120000				
23	60.25	18000	100300	100300	120000	120000				
27	52.24	18000	100300	100300	120000	120000				
30	46.48*	16900	103400	103400	120000	120000				
35	40.06	14600	109000	109000	120000	120000				
43	32.55	11800	114500	114500	120000	120000				
26	53.55	11000	115800	115800	120000	120000				
32	43.94*	10700	116200	116200	120000	120000				
39	35.75*	9920	117400	117400	120000	120000				
49	28.60*	9290	118200	118200	120000	120000				
55	25.43	8970	118600	118600	120000	120000				
63	22.16	8090	119700	119700	120000	120000				
71	19.77	7220	120000	120000	120000	120000				
83	16.85	6150	120000	120000	120000	120000				
100	13.96	5100	120000	120000	120000	120000				
8.2	170.83	13000	88500	84100	90000	90000				
9.1	153.67*	13000	88500	84100	90000	90000				
11	125.37	13000	88500	84100	90000	90000				
12	114.34	13000	88500	84100	90000	90000				
14	98.95	13000	88500	84100	90000	90000				
16	87.31*	13000	88500	84100	90000	90000				
19	75.41*	13000	88500	84100	90000	90000				
20	70.07	12900	88700	84500	90000	90000				
22	63.91	12900	88700	84500	90000	90000				
25	55.31	12900	88700	84500	90000	90000				
29	48.80	12900	88700	84500	90000	90000				
33	42.15	12900	88700	84500	90000	90000				
38	37.28	12900	88700	84500	90000	90000				
45	31.33	11400	90000	89700	90000	90000				
55	25.30	9240	90000	90000	90000	90000				
52	26.86	7600	90000	90000	90000	90000				
57	24.57	7410	90000	90000	90000	90000				
65	21.38	7070	90000	90000	90000	90000				
74	18.87	6770	90000	90000	90000	90000				
86	16.36	5970	90000	90000	90000	90000				
96	14.55	5310	90000	90000	90000	90000				
112	12.54	4580	90000	90000	90000	90000				
137	10.19	3720	90000	90000	90000	90000				
158	8.86	3230	90000	90000	90000	90000				
178	7.88	2880	90000	90000	90000	90000				
206	6.80	2480	90000	90000	90000	90000				
254	5.52	2010	90000	90000	90000	90000				

DRL160MC4BF20

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
7.0	199.31	8860	46500	45600	65000	65000		360	432
7.8	178.64	8860	46500	45600	65000	65000			
8.7	161.28*	8860	46500	45600	65000	65000			
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			
41	33.79*	7840	49400	50300	65000	65000		350	432
51	27.57	7270	50900	52900	65000	65000			
56	25.14	7080	51400	53700	65000	65000			
64	21.76*	6730	52300	55200	65000	65000			
73	19.20*	6460	52900	56400	65000	65000			
84	16.58	6050	53900	58100	65000	65000			
95	14.67	5350	55500	60900	65000	65000			
114	12.33	4500	57400	64300	65000	65000			
141	9.96	3630	59200	65000	65000	65000			
144	9.69	3260	59400	65000	65000	65000			
167	8.37	3050	59800	65000	65000	65000			
189	7.40	2700	60500	65000	65000	65000			
225	6.22	2270	61400	65000	65000	65000			
278	5.03	1830	62200	65000	65000	65000			
8.0	174.87	4360	29700	28200	40000	40000		285	428
9.0	156.30	4360	29700	28200	40000	40000			
10.0	140.71	4360	29700	28200	40000	40000			
11	127.42	4360	29700	28200	40000	40000			
12	112.99	4360	29700	28200	40000	40000			
14	102.16	4360	29700	28200	40000	40000			
16	89.85	4360	29700	28200	40000	40000			
16	86.59	4360	29700	28200	40000	40000			
17	80.31	4360	29700	28200	40000	40000			
19	75.63	4360	29700	28200	40000	40000			
19	72.29	4360	29700	28200	40000	40000			
21	65.47	4360	29700	28200	40000	40000			
24	58.06	4360	29700	28200	40000	40000			
27	52.49	4360	29700	28200	40000	40000			
31	44.49	4360	29700	28200	40000	40000			
36	38.86	4360	29700	28200	40000	40000			
43	32.50	4360	29700	28200	40000	40000			
41	33.91	4360	29700	28200	40000	40000		280	428
46	30.39	4360	29700	28200	40000	40000			
51	27.44*	4360	29700	28200	40000	40000			
56	24.92	4360	29700	28200	40000	40000			
63	22.11	4360	29700	28200	40000	40000			
70	20.07	4360	29700	28200	40000	40000			
81	17.25*	4360	29700	28200	40000	40000			
93	15.06	4360	29700	28200	40000	40000			
110	12.77	4360	29700	28200	40000	40000			
125	11.16	4070	30600	28700	40000	40000			
155	9.06	2400	34300	31000	40000	40000			
170	8.22	2330	34400	31000	40000	40000			
198	7.07	2200	34700	31100	40000	40000			
227	6.17	2080	34900	31300	40000	40000			
268	5.23	1910	35300	31400	40000	40000			
306	4.57	1670	35700	31600	40000	40000			
362	3.87	1410	36200	31700	40000	40000			

FA 107 DRL 160MC4 360 432
FAF 107 DRL 160MC4 405 431
F 107 DRL 160MC4 360 432
FF 107 DRL 160MC4 380 431

FA 107 DRL 160MC4 350 432
FAF 107 DRL 160MC4 395 431
F 107 DRL 160MC4 350 432
FF 107 DRL 160MC4 370 431

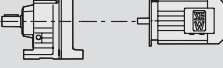
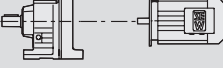
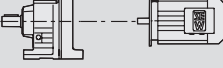
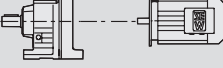
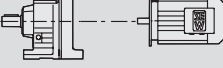
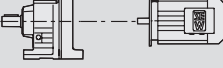
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FAF 97 DRL 160MC4 325 427
F 97 DRL 160MC4 285 428
FF 97 DRL 160MC4 305 427

FA 97 DRL 160MC4 280 428
FAF 97 DRL 160MC4 320 427
F 97 DRL 160MC4 280 428
FF 97 DRL 160MC4 300 427

DRL160MC4BF20							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				  m kg			
			F	FF	FA	FAF				
11	123.29	3090	16000	16000	30000	30000	  FA 87 DRL 160MC4 220 424 FAF 87 DRL 160MC4 240 423 F 87 DRL 160MC4 220 424 FF 87 DRL 160MC4 235 423			
13	109.49	3090	16000	16000	30000	30000				
14	97.89	3090	16000	16000	30000	30000				
16	88.01	3090	16000	16000	30000	30000				
18	76.39	3090	16000	16000	30000	30000				
20	68.40	3090	16000	16000	30000	30000				
25	56.75	3090	16000	16000	30000	30000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000	  FA 87 DRL 160MC4 215 424 FAF 87 DRL 160MC4 240 423 F 87 DRL 160MC4 215 424 FF 87 DRL 160MC4 230 423			
48	29.20	3090	16000	16000	30000	30000				
53	26.50	3090	16000	16000	30000	30000				
59	23.68	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000				
169	8.29	1980	26200	23300	30000	30000				
190	7.35	1950	26300	23400	30000	30000				
211	6.65	1880	26500	23500	30000	30000				
249	5.63	1750	26900	23700	30000	30000				
285	4.92	1660	27200	23800	30000	30000				
340	4.12	1500	27600	24000	30000	30000	  FA 77 DRL 160MC4 180 420 FAF 77 DRL 160MC4 195 419 F 77 DRL 160MC4 180 420 FF 77 DRL 160MC4 190 419			
32	43.58	1530	15500	17000	20000	20000				
37	38.23	1530	15500	17000	20000	20000				
41	33.74	1530	15500	17000	20000	20000				
47	29.91	1530	15500	17000	20000	20000				
55	25.54	1530	15500	17000	20000	20000	  FA 77 DRL 160MC4 180 420 FAF 77 DRL 160MC4 195 419 F 77 DRL 160MC4 180 420 FF 77 DRL 160MC4 185 419			
71	19.70	1530	15500	17000	20000	20000				
80	17.49	1530	15500	17000	20000	20000				
90	15.64*	1530	15500	17000	20000	20000				
100	14.06	1530	15500	17000	20000	20000				
115	12.20	1530	15500	17000	20000	20000				
128	10.93	1530	15500	17000	20000	20000				
151	9.30	1330	16800	17400	20000	20000				
169	8.26	1330	16800	17400	20000	20000				
189	7.39	1330	16800	17400	20000	20000				
211	6.64	1320	16800	17400	20000	20000				
243	5.76	1320	16800	17400	20000	20000				
271	5.16	1320	16800	17400	20000	20000				
327	4.28	1310	16900	17400	20000	20000				

DRL180S4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
6.4	217.62*	18000	100300	100300	120000	120000		810	440
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	17300	102300	102300	120000	120000			
32	43.94*	13600	111100	111100	120000	120000		810	440
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	16000	105700	105700	120000	120000			
63	22.16	13900	110500	110500	120000	120000			
71	19.77	12400	113400	113400	120000	120000			
83	16.85	10600	116400	116400	120000	120000			
100	13.96	8790	118800	118800	120000	120000			
117	11.92	7500	120000	120000	120000	120000			
9.1	153.67*	13000	88500	84100	90000	90000		560	436
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		550	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	11800	90000	88400	90000	90000			
86	16.36	10300	90000	90000	90000	90000			
96	14.55	9160	90000	90000	90000	90000			
112	12.54	7900	90000	90000	90000	90000			
137	10.19	6420	90000	90000	90000	90000			
158	8.86	5580	90000	90000	90000	90000			
178	7.88	4960	90000	90000	90000	90000			
206	6.80	4280	90000	90000	90000	90000			
254	5.52	3470	90000	90000	90000	90000			
299	4.68	2940	90000	90000	90000	90000			
8.7	161.28*	8860	46500	45600	65000	65000		415	432
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			

FA 157 DRL 180S4 810 440
FAF 157 DRL 180S4 940 439
F 157 DRL 180S4 810 440
FF 157 DRL 180S4 870 439

FA 157 DRL 180S4 810 440
FAF 157 DRL 180S4 940 439
F 157 DRL 180S4 810 440
FF 157 DRL 180S4 870 439

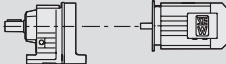
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FAF 127 DRL 180S4 640 435
F 127 DRL 180S4 560 436
FF 127 DRL 180S4 600 435

FA 127 DRL 180S4 550 436
FAF 127 DRL 180S4 630 435
F 127 DRL 180S4 550 436
FF 127 DRL 180S4 590 435

FA 107 DRL 180S4 415 432
FAF 107 DRL 180S4 460 431
F 107 DRL 180S4 415 432
FF 107 DRL 180S4 440 431

DRL180S4BF30

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N				 m kg			
			F	FF	FA	FAF				
41	33.79*	8860	46500	45600	65000	65000				
51	27.57	8860	46500	45600	65000	65000				
56	25.14	8860	46500	45600	65000	65000				
64	21.76*	8860	46500	45600	65000	65000				
73	19.20*	8860	46500	45600	65000	65000				
84	16.58	8860	46500	45600	65000	65000				
95	14.67	8860	46500	45600	65000	65000				
114	12.33	7760	49600	50700	65000	65000				
141	9.96	6270	53400	57200	65000	65000				
144	9.69	6100	52900	55900	65000	65000				
167	8.37	5270	54900	59600	65000	65000				
189	7.40	4660	56300	62100	65000	65000				
225	6.22	3910	58000	65000	65000	65000				
278	5.03	3160	59600	65000	65000	65000				
10.0	140.71	4360	29700	28200	40000	40000				
11	127.42	4360	29700	28200	40000	40000				
12	112.99	4360	29700	28200	40000	40000				
14	102.16	4360	29700	28200	40000	40000				
16	86.59	4360	29700	28200	40000	40000				
19	75.63	4360	29700	28200	40000	40000				
19	72.29	4360	29700	28200	40000	40000				
21	65.47	4360	29700	28200	40000	40000				
24	58.06	4360	29700	28200	40000	40000				
27	52.49	4360	29700	28200	40000	40000				
31	44.49	4360	29700	28200	40000	40000				
36	38.86	4360	29700	28200	40000	40000				
43	32.50	4360	29700	28200	40000	40000				
51	27.44*	4360	29700	28200	40000	40000				
56	24.92	4360	29700	28200	40000	40000				
63	22.11	4360	29700	28200	40000	40000				
70	20.07	4360	29700	28200	40000	40000				
81	17.25*	4360	29700	28200	40000	40000				
93	15.06	4360	29700	28200	40000	40000				
110	12.77	4360	29700	28200	40000	40000				
125	11.16	4360	29700	28200	40000	40000				
155	9.06	3050	32800	30200	40000	40000				
170	8.22	3050	32800	30200	40000	40000				
198	7.07	3040	32800	30200	40000	40000				
227	6.17	3030	32800	30200	40000	40000				
268	5.23	3020	32800	30300	40000	40000				
306	4.57	2880	33200	30400	40000	40000				
362	3.87	2430	34200	30900	40000	40000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000				
48	29.20	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000				
169	8.29	1980	26200	23300	30000	30000				
190	7.35	1970	26300	23400	30000	30000				
211	6.65	1970	26300	23400	30000	30000				
249	5.63	1960	26300	23400	30000	30000				
285	4.92	1960	26300	23400	30000	30000				
340	4.12	1940	26400	23400	30000	30000				

FA	107	DRL	180S4	410	432
FAF	107	DRL	180S4	450	431
F	107	DRL	180S4	410	432
FF	107	DRL	180S4	430	431

FA	97	DRL	180S4	340	428
FAF	97	DRL	180S4	385	427
F	97	DRL	180S4	340	428
FF	97	DRL	180S4	365	427

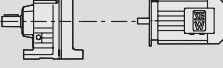
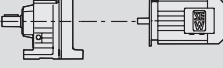
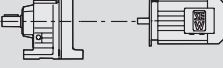
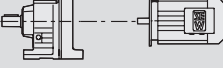
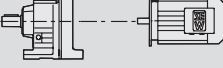
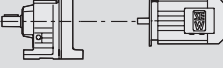
FA	97	DRL	180S4	335	428
FAF	97	DRL	180S4	375	427
F	97	DRL	180S4	335	428
FF	97	DRL	180S4	360	427

FA	87	DRL	180S4	280	424
FAF	87	DRL	180S4	300	423
F	87	DRL	180S4	280	424
FF	87	DRL	180S4	290	423

FA	87	DRL	180S4	275	424
FAF	87	DRL	180S4	295	423
F	87	DRL	180S4	275	424
FF	87	DRL	180S4	290	423

DRL180M4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
6.4	217.62*	18000	100300	100300	120000	120000		830	440
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	17300	102300	102300	120000	120000			
32	43.94*	13600	111100	111100	120000	120000		830	440
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	16000	105700	105700	120000	120000			
63	22.16	13900	110500	110500	120000	120000			
71	19.77	12400	113400	113400	120000	120000			
83	16.85	10600	116400	116400	120000	120000			
100	13.96	8790	118800	118800	120000	120000			
117	11.92	7500	120000	120000	120000	120000			
9.1	153.67*	13000	88500	84100	90000	90000		580	436
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		570	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	11800	90000	88400	90000	90000			
86	16.36	10300	90000	90000	90000	90000			
96	14.55	9160	90000	90000	90000	90000			
112	12.54	7900	90000	90000	90000	90000			
137	10.19	6420	90000	90000	90000	90000			
158	8.86	5580	90000	90000	90000	90000			
178	7.88	4960	90000	90000	90000	90000			
206	6.80	4280	90000	90000	90000	90000			
254	5.52	3470	90000	90000	90000	90000			
299	4.68	2940	90000	90000	90000	90000			
8.7	161.28*	8860	46500	45600	65000	65000		435	432
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			

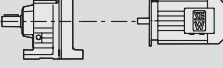
FA 157 DRL 180M4 830 440
FAF 157 DRL 180M4 960 439
F 157 DRL 180M4 830 440
FF 157 DRL 180M4 890 439

FA 157 DRL 180M4 830 440
FAF 157 DRL 180M4 950 439
F 157 DRL 180M4 830 440
FF 157 DRL 180M4 880 439

FA 127 DRL 180M4 580 436
FAF 127 DRL 180M4 660 435
F 127 DRL 180M4 580 436
FF 127 DRL 180M4 620 435

FA 127 DRL 180M4 570 436
FAF 127 DRL 180M4 650 435
F 127 DRL 180M4 570 436
FF 127 DRL 180M4 600 435

FA 107 DRL 180M4 435 432
FAF 107 DRL 180M4 480 431
F 107 DRL 180M4 435 432
FF 107 DRL 180M4 455 431

DRL180M4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				 m kg			
			F	FF	FA	FAF				
41	33.79*	8860	46500	45600	65000	65000				
51	27.57	8860	46500	45600	65000	65000				
56	25.14	8860	46500	45600	65000	65000				
64	21.76*	8860	46500	45600	65000	65000				
73	19.20*	8860	46500	45600	65000	65000				
84	16.58	8860	46500	45600	65000	65000				
95	14.67	8860	46500	45600	65000	65000				
114	12.33	7760	49600	50700	65000	65000				
141	9.96	6270	53400	57200	65000	65000				
144	9.69	6100	52900	55900	65000	65000				
167	8.37	5270	54900	59600	65000	65000				
189	7.40	4660	56300	62100	65000	65000				
225	6.22	3910	58000	65000	65000	65000				
278	5.03	3160	59600	65000	65000	65000				
10.0	140.71	4360	29700	28200	40000	40000				
11	127.42	4360	29700	28200	40000	40000				
12	112.99	4360	29700	28200	40000	40000				
14	102.16	4360	29700	28200	40000	40000				
16	86.59	4360	29700	28200	40000	40000				
19	75.63	4360	29700	28200	40000	40000				
19	72.29	4360	29700	28200	40000	40000				
21	65.47	4360	29700	28200	40000	40000				
24	58.06	4360	29700	28200	40000	40000				
27	52.49	4360	29700	28200	40000	40000				
31	44.49	4360	29700	28200	40000	40000				
36	38.86	4360	29700	28200	40000	40000				
43	32.50	4360	29700	28200	40000	40000				
51	27.44*	4360	29700	28200	40000	40000				
56	24.92	4360	29700	28200	40000	40000				
63	22.11	4360	29700	28200	40000	40000				
70	20.07	4360	29700	28200	40000	40000				
81	17.25*	4360	29700	28200	40000	40000				
93	15.06	4360	29700	28200	40000	40000				
110	12.77	4360	29700	28200	40000	40000				
125	11.16	4360	29700	28200	40000	40000				
155	9.06	3050	32800	30200	40000	40000				
170	8.22	3050	32800	30200	40000	40000				
198	7.07	3040	32800	30200	40000	40000				
227	6.17	3030	32800	30200	40000	40000				
268	5.23	3020	32800	30300	40000	40000				
306	4.57	2880	33200	30400	40000	40000				
362	3.87	2430	34200	30900	40000	40000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000				
48	29.20	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000				
169	8.29	1980	26200	23300	30000	30000				
190	7.35	1970	26300	23400	30000	30000				
211	6.65	1970	26300	23400	30000	30000				
249	5.63	1960	26300	23400	30000	30000				
285	4.92	1960	26300	23400	30000	30000				
340	4.12	1940	26400	23400	30000	30000				

FA	107	DRL 180M4	425	432
FAF	107	DRL 180M4	470	431
F	107	DRL 180M4	425	432
FF	107	DRL 180M4	445	431

FA	97	DRL 180M4	360	428
FAF	97	DRL 180M4	400	427
F	97	DRL 180M4	360	428
FF	97	DRL 180M4	380	427

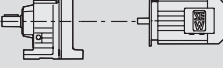
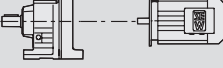
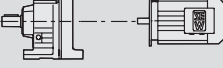
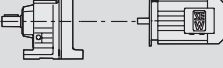
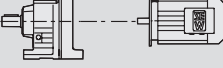
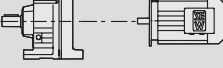
FA	97	DRL 180M4	355	428
FAF	97	DRL 180M4	395	427
F	97	DRL 180M4	355	428
FF	97	DRL 180M4	375	427

FA	87	DRL 180M4	295	424
FAF	87	DRL 180M4	315	423
F	87	DRL 180M4	295	424
FF	87	DRL 180M4	305	423

FA	87	DRL 180M4	290	424
FAF	87	DRL 180M4	310	423
F	87	DRL 180M4	290	424
FF	87	DRL 180M4	305	423

DRL180L4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
6.4	217.62*	18000	100300	100300	120000	120000		840	440
7.9	178.20*	18000	100300	100300	120000	120000			
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	17300	102300	102300	120000	120000			
32	43.94*	13700	110900	110900	120000	120000		840	440
39	35.75*	15700	106500	106500	120000	120000			
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	16000	105700	105700	120000	120000			
63	22.16	13900	110500	110500	120000	120000			
71	19.77	12400	113400	113400	120000	120000			
83	16.85	10600	116400	116400	120000	120000			
100	13.96	8790	118800	118800	120000	120000			
117	11.92	7500	120000	120000	120000	120000			
9.1	153.67*	13000	88500	84100	90000	90000		590	436
11	125.37	13000	88500	84100	90000	90000			
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		580	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	11800	90000	88400	90000	90000			
86	16.36	10300	90000	90000	90000	90000			
96	14.55	9160	90000	90000	90000	90000			
112	12.54	7900	90000	90000	90000	90000			
137	10.19	6420	90000	90000	90000	90000			
158	8.86	5580	90000	90000	90000	90000			
178	7.88	4960	90000	90000	90000	90000			
206	6.80	4280	90000	90000	90000	90000			
254	5.52	3470	90000	90000	90000	90000			
299	4.68	2940	90000	90000	90000	90000			
8.7	161.28*	8860	46500	45600	65000	65000		445	432
9.6	146.49	8860	46500	45600	65000	65000			
11	129.97	8860	46500	45600	65000	65000			
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
15	92.47*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
17	83.99	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			

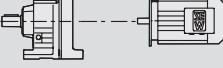
FA 157 DRL 180L4 840 440
FAF 157 DRL 180L4 970 439
F 157 DRL 180L4 840 440
FF 157 DRL 180L4 900 439

FA 157 DRL 180L4 840 440
FAF 157 DRL 180L4 960 439
F 157 DRL 180L4 840 440
FF 157 DRL 180L4 890 439

FA 127 DRL 180L4 590 436
FAF 127 DRL 180L4 670 435
F 127 DRL 180L4 590 436
FF 127 DRL 180L4 630 435

FA 127 DRL 180L4 580 436
FAF 127 DRL 180L4 660 435
F 127 DRL 180L4 580 436
FF 127 DRL 180L4 610 435

FA 107 DRL 180L4 445 432
FAF 107 DRL 180L4 490 431
F 107 DRL 180L4 445 432
FF 107 DRL 180L4 465 431

DRL180L4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N							
			F	FF	FA	FAF				
41	33.79*	8860	46500	45600	65000	65000				
51	27.57	8860	46500	45600	65000	65000				
56	25.14	8860	46500	45600	65000	65000				
64	21.76*	8860	46500	45600	65000	65000				
73	19.20*	8860	46500	45600	65000	65000				
84	16.58	8860	46500	45600	65000	65000				
95	14.67	8860	46500	45600	65000	65000				
114	12.33	7760	49600	50700	65000	65000				
141	9.96	6270	53400	57200	65000	65000				
144	9.69	6100	52900	55900	65000	65000				
167	8.37	5270	54900	59600	65000	65000				
189	7.40	4660	56300	62100	65000	65000				
225	6.22	3910	58000	65000	65000	65000				
278	5.03	3160	59600	65000	65000	65000				
10.0	140.71	4360	29700	28200	40000	40000				
11	127.42	4360	29700	28200	40000	40000				
12	112.99	4360	29700	28200	40000	40000				
14	102.16	4360	29700	28200	40000	40000				
16	86.59	4360	29700	28200	40000	40000				
19	75.63	4360	29700	28200	40000	40000				
19	72.29	4360	29700	28200	40000	40000				
21	65.47	4360	29700	28200	40000	40000				
24	58.06	4360	29700	28200	40000	40000				
27	52.49	4360	29700	28200	40000	40000				
31	44.49	4360	29700	28200	40000	40000				
36	38.86	4360	29700	28200	40000	40000				
43	32.50	4360	29700	28200	40000	40000				
51	27.44*	4360	29700	28200	40000	40000				
56	24.92	4360	29700	28200	40000	40000				
63	22.11	4360	29700	28200	40000	40000				
70	20.07	4360	29700	28200	40000	40000				
81	17.25*	4360	29700	28200	40000	40000				
93	15.06	4360	29700	28200	40000	40000				
110	12.77	4360	29700	28200	40000	40000				
125	11.16	4360	29700	28200	40000	40000				
155	9.06	3050	32800	30200	40000	40000				
170	8.22	3050	32800	30200	40000	40000				
198	7.07	3040	32800	30200	40000	40000				
227	6.17	3030	32800	30200	40000	40000				
268	5.23	3020	32800	30300	40000	40000				
306	4.57	2880	33200	30400	40000	40000				
362	3.87	2430	34200	30900	40000	40000				
28	50.36	3090	16000	16000	30000	30000				
31	45.28	3090	16000	16000	30000	30000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000				
48	29.20	3090	16000	16000	30000	30000				
66	21.32*	3090	16000	16000	30000	30000				
72	19.31	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000				
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000				
169	8.29	1980	26200	23300	30000	30000				
190	7.35	1970	26300	23400	30000	30000				
211	6.65	1970	26300	23400	30000	30000				
249	5.63	1960	26300	23400	30000	30000				
285	4.92	1960	26300	23400	30000	30000				
340	4.12	1940	26400	23400	30000	30000				

FA	107	DRL	180L4	435	432
FAF	107	DRL	180L4	480	431
F	107	DRL	180L4	435	432
FF	107	DRL	180L4	455	431

FA	97	DRL	180L4	370	428
FAF	97	DRL	180L4	410	427
F	97	DRL	180L4	370	428
FF	97	DRL	180L4	390	427

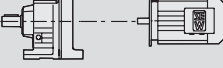
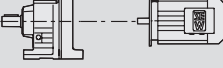
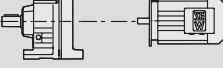
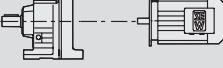
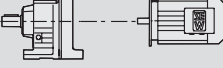
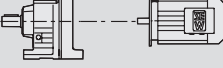
FA	97	DRL	180L4	365	428
FAF	97	DRL	180L4	405	427
F	97	DRL	180L4	365	428
FF	97	DRL	180L4	385	427

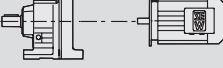
FA	87	DRL	180L4	305	424
FAF	87	DRL	180L4	325	423
F	87	DRL	180L4	305	424
FF	87	DRL	180L4	320	423

FA	87	DRL	180L4	300	424
FAF	87	DRL	180L4	325	423
F	87	DRL	180L4	300	424
FF	87	DRL	180L4	315	423

DRL180LC4BF30

n_e=1400 rpm

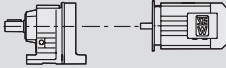
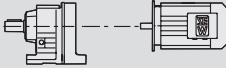
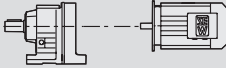
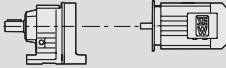
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			F	FF	FA	FAF			
7.9	178.20*	18000	100300	100300	120000	120000		850	440
8.6	162.96	18000	100300	100300	120000	120000			
9.9	141.80*	18000	100300	100300	120000	120000			
11	125.14	18000	100300	100300	120000	120000			
13	108.49	18000	100300	100300	120000	120000			
14	96.53*	18000	100300	100300	120000	120000			
16	85.80*	18000	100300	100300	120000	120000			
18	78.46	18000	100300	100300	120000	120000			
20	68.28*	18000	100300	100300	120000	120000			
23	60.25	18000	100300	100300	120000	120000			
27	52.24	18000	100300	100300	120000	120000			
30	46.48*	18000	100300	100300	120000	120000			
35	40.06	18000	100300	100300	120000	120000			
43	32.55	18000	100300	100300	120000	120000			
51	27.60	18000	100300	100300	120000	120000			
39	35.75*	15700	106500	106500	120000	120000		850	440
49	28.60*	18000	100300	100300	120000	120000			
55	25.43	18000	100300	100300	120000	120000			
63	22.16	16900	103400	103400	120000	120000			
71	19.77	15000	108100	108100	120000	120000			
83	16.85	12800	112700	112700	120000	120000			
100	13.96	10600	116400	116400	120000	120000			
117	11.92	9090	118500	118500	120000	120000			
11	125.37	13000	88500	84100	90000	90000		600	436
12	114.34	13000	88500	84100	90000	90000			
14	98.95	13000	88500	84100	90000	90000			
16	87.31*	13000	88500	84100	90000	90000			
19	75.41*	13000	88500	84100	90000	90000			
20	70.07	12900	88700	84500	90000	90000			
22	63.91	12900	88700	84500	90000	90000			
25	55.31	12900	88700	84500	90000	90000			
29	48.80	12900	88700	84500	90000	90000			
33	42.15	12900	88700	84500	90000	90000			
38	37.28	12900	88700	84500	90000	90000			
45	31.33	12900	88700	84500	90000	90000			
55	25.30	12900	88700	84500	90000	90000			
52	26.86	10500	90000	90000	90000	90000		590	436
57	24.57	11600	90000	89000	90000	90000			
65	21.38	13000	88500	84100	90000	90000			
74	18.87	13000	88500	84100	90000	90000			
86	16.36	12400	89700	86300	90000	90000			
96	14.55	11100	90000	90000	90000	90000			
112	12.54	9570	90000	90000	90000	90000			
137	10.19	7770	90000	90000	90000	90000			
158	8.86	6760	90000	90000	90000	90000			
178	7.88	6010	90000	90000	90000	90000			
206	6.80	5180	90000	90000	90000	90000			
254	5.52	4210	90000	90000	90000	90000			
299	4.68	3570	90000	90000	90000	90000			
11	129.97	8860	46500	45600	65000	65000		455	432
12	117.94	8860	46500	45600	65000	65000			
14	101.38*	8860	46500	45600	65000	65000			
16	88.49	8860	46500	45600	65000	65000			
19	74.52	8860	46500	45600	65000	65000			
21	67.62	8860	46500	45600	65000	65000			
24	58.12*	8860	46500	45600	65000	65000			
28	50.73	8860	46500	45600	65000	65000			
33	43.03	8860	46500	45600	65000	65000			
37	37.61	8860	46500	45600	65000	65000			
44	31.80	8860	46500	45600	65000	65000			

DRL180LC4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				 m kg			
			F	FF	FA	FAF				
51	27.57	8860	46500	45600	65000	65000	FA 107 DRL 180LC4 445 432 FAF 107 DRL 180LC4 490 431 F 107 DRL 180LC4 445 432 FF 107 DRL 180LC4 470 431			
56	25.14	8860	46500	45600	65000	65000				
64	21.76*	8860	46500	45600	65000	65000				
73	19.20*	8860	46500	45600	65000	65000				
84	16.58	8860	46500	45600	65000	65000				
95	14.67	8860	46500	45600	65000	65000				
114	12.33	8860	46500	45600	65000	65000				
141	9.96	7590	50100	51500	65000	65000				
144	9.69	6240	52500	55300	65000	65000				
167	8.37	6240	52500	55300	65000	65000				
189	7.40	5640	54000	58000	65000	65000	FA 97 DRL 180LC4 380 428 FAF 97 DRL 180LC4 420 427 F 97 DRL 180LC4 380 428 FF 97 DRL 180LC4 405 427			
225	6.22	4740	56100	61800	65000	65000				
278	5.03	3830	58200	65000	65000	65000				
12	112.99	4360	29700	28200	40000	40000				
14	102.16	4360	29700	28200	40000	40000				
16	86.59	4360	29700	28200	40000	40000				
19	75.63	4360	29700	28200	40000	40000				
24	58.06	4360	29700	28200	40000	40000				
27	52.49	4360	29700	28200	40000	40000				
31	44.49	4360	29700	28200	40000	40000				
36	38.86	4360	29700	28200	40000	40000	FA 97 DRL 180LC4 375 428 FAF 97 DRL 180LC4 415 427 F 97 DRL 180LC4 375 428 FF 97 DRL 180LC4 395 427			
43	32.50	4360	29700	28200	40000	40000				
63	22.11	4360	29700	28200	40000	40000				
70	20.07	4360	29700	28200	40000	40000				
81	17.25*	4360	29700	28200	40000	40000				
93	15.06	4360	29700	28200	40000	40000				
110	12.77	4360	29700	28200	40000	40000				
125	11.16	4360	29700	28200	40000	40000				
155	9.06	3050	32800	30200	40000	40000				
170	8.22	3050	32800	30200	40000	40000				
198	7.07	3040	32800	30200	40000	40000	FA 87 DRL 180LC4 315 424 FAF 87 DRL 180LC4 340 423 F 87 DRL 180LC4 315 424 FF 87 DRL 180LC4 330 423			
227	6.17	3030	32800	30200	40000	40000				
268	5.23	3020	32800	30300	40000	40000				
306	4.57	3000	32900	30300	40000	40000				
362	3.87	2700	33600	30600	40000	40000				
36	39.30	3090	16000	16000	30000	30000				
40	35.19	3090	16000	16000	30000	30000				
48	29.20	3090	16000	16000	30000	30000				
82	17.12	3090	16000	16000	30000	30000	FA 87 DRL 180LC4 315 424 FAF 87 DRL 180LC4 335 423 F 87 DRL 180LC4 315 424 FF 87 DRL 180LC4 325 423			
90	15.48	3090	16000	16000	30000	30000				
107	13.12*	3090	16000	16000	30000	30000				
122	11.46	3090	16000	16000	30000	30000				
146	9.58	3090	16000	16000	30000	30000				
190	7.35	1970	26300	23400	30000	30000				
211	6.65	1970	26300	23400	30000	30000				
249	5.63	1960	26300	23400	30000	30000				
285	4.92	1960	26300	23400	30000	30000				
340	4.12	1940	26400	23400	30000	30000				

DRL132S4BF11							n _e =1400 rpm					
n _a rpm	i	M _a Nm	F _{Ra} N _{otaus,BF} ¹⁾									
			K	KF	KA	KAF						
9.6	146.07	14800	76400	75700	90000	90000						
10	136.14	14800	76400	75700	90000	90000						
11	122.48	14800	76400	75700	90000	90000						
13	110.18	14800	76400	75700	90000	90000						
16	89.89	14800	76400	75700	90000	90000						
17	81.98	14800	76400	75700	90000	90000						
20	70.95*	14800	76400	75700	90000	90000						
22	62.60	13600	78700	80100	90000	90000						
26	54.07	11800	79800	81600	90000	90000						
29	47.82	10400	80500	82300	90000	90000						
35	40.19	8780	81200	82900	90000	90000						
39	36.25	7920	81500	83200	90000	90000						
45	31.37	6850	81800	83600	90000	90000						
51	27.68	6050	82000	83800	90000	90000						
59	23.91	5220	82200	84000	90000	90000						
66	21.15	4620	82400	84200	90000	90000						
79	17.77	3880	82500	84300	90000	90000						
109	12.79	2790	82700	84500	90000	90000						
130	10.74	2340	82700	84500	90000	90000						
9.8	143.47*	9090	65000	65000	65000	65000						
12	121.46	9090	65000	65000	65000	65000						
12	112.41*	9090	65000	65000	65000	65000						
14	100.75	9090	65000	65000	65000	65000						
15	90.96*	9090	65000	65000	65000	65000						
17	82.61	9090	65000	65000	65000	65000						
19	73.30	9090	65000	65000	65000	65000						
21	66.52*	9090	65000	65000	65000	65000						
24	57.17*	9090	65000	65000	65000	65000						
28	49.90	9090	65000	65000	65000	65000						
33	42.33*	9090	65000	65000	65000	65000						
38	37.00*	8090	65000	65000	65000	65000						
43	32.69	6230	65000	65000	65000	65000						
45	31.28*	6840	65000	65000	65000	65000						
48	29.00	6000	65000	65000	65000	65000						
53	26.32	5750	65000	65000	65000	65000						
62	22.62	4940	65000	65000	65000	65000						
71	19.74	4310	65000	65000	65000	65000						
84	16.75	3660	65000	65000	65000	65000						
96	14.64	3200	65000	65000	65000	65000						
104	13.43	2930	65000	65000	65000	65000						
119	11.73	2560	65000	65000	65000	65000						
141	9.94	2170	65000	65000	65000	65000						
161	8.69	1900	65000	65000	65000	65000						
190	7.35	1600	65000	65000	65000	65000						

DRL132S4BF11

 $n_e = 1400 \text{ rpm}$

n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg	
			K	KF	KA	KAF			
11	123.93*	4710	40000	38300	40000	40000		220	462
13	105.13	4710	40000	38300	40000	40000			
14	96.80	4710	40000	38300	40000	40000			
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4140	40000	38900	40000	40000			
85	16.56	3620	40000	39300	40000	40000			
101	13.85	3020	40000	39700	40000	40000			
117	11.99	2620	40000	39900	40000	40000			
134	10.41	2270	40000	40000	40000	40000			
161	8.71	1900	40000	40000	40000	40000			
186	7.54	1640	40000	40000	40000	40000			
14	102.71*	3240	26500	25600	30000	30000		160	458
16	86.34	3240	26500	25600	30000	30000			
18	79.34	3240	26500	25600	30000	30000			
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	2740	27200	26200	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2180	27800	26800	30000	30000			
169	8.29	1810	28200	27100	30000	30000			
194	7.21	1570	28400	27300	30000	30000			
18	78.07	1550	15400	16600	20000	20000		125	454
19	73.99	1550	15400	16600	20000	20000			
22	64.75	1550	15400	16600	20000	20000			
24	58.34	1550	15400	16600	20000	20000			
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
45	30.89	1550	15400	16600	20000	20000			
48	29.27	1550	15400	16600	20000	20000			
55	25.62	1550	15400	16600	20000	20000			
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			

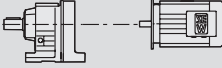
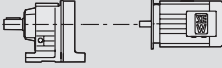
K 97 DRL 132S4 220 462
 KF 97 DRL 132S4 240 463
 KA 97 DRL 132S4 200 464
 KAF 97 DRL 132S4 225 463

K 87 DRL 132S4 160 458
 KF 87 DRL 132S4 170 459
 KA 87 DRL 132S4 150 460
 KAF 87 DRL 132S4 160 459

K 77 DRL 132S4 125 454
 KF 77 DRL 132S4 135 455
 KA 77 DRL 132S4 120 456
 KAF 77 DRL 132S4 125 455

DRL132S4BF11

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
23	60.66	920	9310	9310	13000	13000		100	450
24	57.28	920	9310	9310	13000	13000			
29	48.77	920	9310	9310	13000	13000			
32	44.32	920	9310	9310	13000	13000			
36	38.39	920	9310	9310	13000	13000			
58	24.00	920	9310	9310	13000	13000			
62	22.66	920	9310	9310	13000	13000			
73	19.30	920	9310	9310	13000	13000			
80	17.54	920	9310	9310	13000	13000			
92	15.19	920	9310	9310	13000	13000			
106	13.22	920	9310	9310	13000	13000			
112	12.48	695	11300	11300	13000	13000			
132	10.63	690	11300	11300	13000	13000			
145	9.66	685	11400	11400	13000	13000			
167	8.37	660	11500	11500	13000	13000			
192	7.28	630	11700	11700	13000	13000			
269	5.20	525	12300	12300	13000	13000			
23	60.81*	665	4700	4700	11500	11500			
24	57.42*	665	4700	4700	11500	11500			
29	48.89	665	4700	4700	11500	11500			
32	44.43	665	4700	4700	11500	11500			
36	38.49	665	4700	4700	11500	11500			
58	24.05	665	4700	4700	11500	11500			
62	22.71	665	4700	4700	11500	11500			
72	19.34	665	4700	4700	11500	11500			
80	17.57	665	4700	4700	11500	11500			
92	15.22	665	4700	4700	11500	11500			
106	13.25	665	4700	4700	11500	11500			
117	11.92	585	7420	7660	11500	11500			
124	11.26	585	7420	7660	11500	11500			
146	9.59	585	7420	7660	11500	11500			
161	8.71	585	7420	7660	11500	11500			
185	7.55	545	7740	7920	11500	11500			
213	6.57	515	7990	8110	11500	11500			
299	4.69	450	8520	8520	11500	11500			

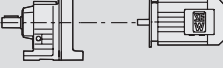
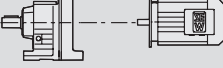
K 67	DRL 132S4	100	450
KF 67	DRL 132S4	105	451
KA 67	DRL 132S4	98	452
KAF 67	DRL 132S4	105	451

K 57	DRL 132S4	95	446
KF 57	DRL 132S4	100	447
KA 57	DRL 132S4	93	448
KAF 57	DRL 132S4	98	447

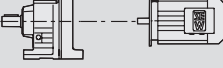
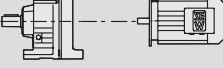
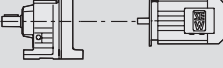
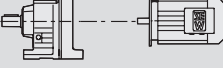
10

DRL132MC4BF11

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
10	136.14	14800	76400	75700	90000	90000		510	470
11	122.48	14800	76400	75700	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	13700	78500	79700	90000	90000			
39	36.25	8250	81400	83100	90000	90000			
45	31.37	7820	81500	83300	90000	90000			
51	27.68	7470	81600	83400	90000	90000			
59	23.91	7030	81800	83500	90000	90000			
66	21.15	6650	81900	83600	90000	90000			
79	17.77	6090	82000	83800	90000	90000			
98	14.35	5240	82200	84000	90000	90000			
109	12.79	4020	82500	84300	90000	90000			
130	10.74	3680	82500	84300	90000	90000			
161	8.68	3170	82600	84400	90000	90000			

K 127	DRL 132MC4	510	470
KF 127	DRL 132MC4	550	471
KA 127	DRL 132MC4	485	472
KAF 127	DRL 132MC4	520	471

DRL132MC4BF11							$n_e=1400 \text{ rpm}$	
n_a rpm	i	$M_{a\text{Notaus,BF}}$ Nm	$F_{Ra\text{Notaus,BF}}^{1)}$ N					m kg 
			K	KF	KA	KAF		
12	112.41*	9090	65000	65000	65000	65000		
14	100.75	9090	65000	65000	65000	65000		
15	90.96*	9090	65000	65000	65000	65000		
17	82.61	9090	65000	65000	65000	65000		
19	73.30	9090	65000	65000	65000	65000		
21	66.52*	9090	65000	65000	65000	65000		
24	57.17*	9090	65000	65000	65000	65000		
28	49.90	9090	65000	65000	65000	65000		
33	42.33*	9090	65000	65000	65000	65000		
38	37.00*	9090	65000	65000	65000	65000		
43	32.69	6310	65000	65000	65000	65000		
45	31.28*	9090	65000	65000	65000	65000		
48	29.00	6090	65000	65000	65000	65000		
53	26.32	5880	65000	65000	65000	65000		
62	22.62	5540	65000	65000	65000	65000		
71	19.74	5240	65000	65000	65000	65000		
84	16.75	4850	65000	65000	65000	65000		
96	14.64	4530	65000	65000	65000	65000		
104	13.43	3290	65000	65000	65000	65000		
119	11.73	3110	65000	65000	65000	65000		
141	9.94	2880	65000	65000	65000	65000		
161	8.69	2690	65000	65000	65000	65000		
190	7.35	2480	65000	65000	65000	65000		
14	96.80	4710	40000	38300	40000	40000		
16	86.52	4710	40000	38300	40000	40000		
18	77.89*	4710	40000	38300	40000	40000		
20	70.54	4710	40000	38300	40000	40000		
22	62.55	4710	40000	38300	40000	40000		
25	56.55	4710	40000	38300	40000	40000		
29	47.93*	4710	40000	38300	40000	40000		
33	41.87	4710	40000	38300	40000	40000		
37	38.30	4710	40000	38300	40000	40000		
41	34.23	4710	40000	38300	40000	40000		
45	30.82	4710	40000	38300	40000	40000		
50	27.91	4710	40000	38300	40000	40000		
57	24.75	4710	40000	38300	40000	40000		
63	22.37	4710	40000	38300	40000	40000		
74	18.96	4710	40000	38300	40000	40000		
85	16.56	4590	40000	38400	40000	40000		
101	13.85	4180	40000	38800	40000	40000		
117	11.99	3860	40000	39100	40000	40000		
134	10.41	2880	40000	39800	40000	40000		
161	8.71	2630	40000	39900	40000	40000		
186	7.54	2430	40000	40000	40000	40000		
18	79.34	3240	26500	25600	30000	30000		
20	70.46	3240	26500	25600	30000	30000		
22	63.00*	3240	26500	25600	30000	30000		
25	56.64	3240	26500	25600	30000	30000		
28	49.16	3240	26500	25600	30000	30000		
32	44.02	3240	26500	25600	30000	30000		
38	36.52*	3240	26500	25600	30000	30000		
45	31.39	3240	26500	25600	30000	30000		
50	27.88	3240	26500	25600	30000	30000		
56	24.92	3240	26500	25600	30000	30000		
62	22.41	3240	26500	25600	30000	30000		
72	19.45	3240	26500	25600	30000	30000		
80	17.42	3240	26500	25600	30000	30000		
88	16.00	2270	27700	26700	30000	30000		
97	14.45	3150	26700	25700	30000	30000		
111	12.56	3000	26900	25900	30000	30000		
125	11.17	2250	27800	26700	30000	30000		
140	10.00	2240	27800	26700	30000	30000		
169	8.29	2100	27900	26900	30000	30000		
194	7.21	1950	28100	27000	30000	30000		

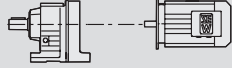
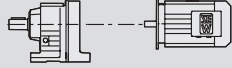
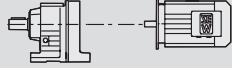
K 107 DRL 132MC4 350 466
 KF 107 DRL 132MC4 365 467
 KA 107 DRL 132MC4 325 468
 KAF 107 DRL 132MC4 345 467

K 97 DRL 132MC4 235 462
 KF 97 DRL 132MC4 255 463
 KA 97 DRL 132MC4 220 464
 KAF 97 DRL 132MC4 245 463

K 87 DRL 132MC4 180 458
 KF 87 DRL 132MC4 185 459
 KA 87 DRL 132MC4 165 460
 KAF 87 DRL 132MC4 180 459

DRL132MC4BF11

$n_e=1400$ rpm

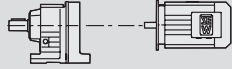
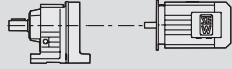
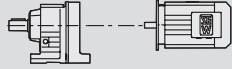
n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
24	58.34	1550	15400	16600	20000	20000		140	454
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			
32	44.32	920	9310	9310	13000	13000		115	450
36	38.39	920	9310	9310	13000	13000			
80	17.54	920	9310	9310	13000	13000			
92	15.19	920	9310	9310	13000	13000			
106	13.22	920	9310	9310	13000	13000			
145	9.66	685	11400	11400	13000	13000			
167	8.37	660	11500	11500	13000	13000			
192	7.28	630	11700	11700	13000	13000			

K 77	DRL 132MC4	140	454
KF 77	DRL 132MC4	150	455
KA 77	DRL 132MC4	135	456
KAF 77	DRL 132MC4	140	455

K 67	DRL 132MC4	115	450
KF 67	DRL 132MC4	125	451
KA 67	DRL 132MC4	115	452
KAF 67	DRL 132MC4	120	451

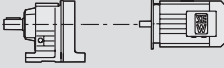
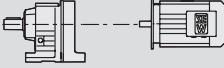
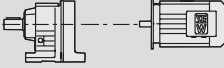
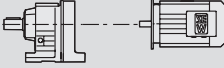
DRL160M4BF20

$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	49600	190000	-	-	-		1750	479
8.5	165.21	48500	190000	-	-	-			
9.7	144.59	46600	190000	-	-	-			
11	129.69	45100	190000	-	-	-			
12	112.60	41100	190000	-	-	-			
14	102.16	37300	190000	-	-	-			
16	88.00	32100	190000	-	-	-			
19	73.96	27000	190000	-	-	-			
33	42.51	15500	190000	-	-	-			
36	38.57	14000	190000	-	-	-			
42	33.23	12100	190000	-	-	-			
50	27.92	10200	190000	-	-	-			
8.5	164.50	32100	150000	-	-	-		1170	478
10	134.99	31300	150000	-	-	-			
13	109.83	29300	150000	-	-	-			
16	87.86	27500	150000	-	-	-			
18	78.14	26500	150000	-	-	-			
21	68.07	24800	150000	-	-	-			
23	60.74	22100	150000	-	-	-			
27	51.77	18900	150000	-	-	-			
33	42.89	15600	150000	-	-	-			
43	32.25	11700	150000	-	-	-			
49	28.77	10500	150000	-	-	-			
57	24.52	8960	150000	-	-	-			
69	20.32	7420	150000	-	-	-			

K 187	DRL 160M4	1750	479
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K 167	DRL 160M4	1170	478
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DRL160M4BF20							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg		
			K	KF	KA	KAF				
9.3	150.41	21800	110000	106200	120000	120000		780	474	
11	122.39	21800	110000	106200	120000	120000				
14	100.22	21800	110000	106200	120000	120000				
15	91.65	21800	110000	106200	120000	120000				
18	79.75	21800	110000	106200	120000	120000				
20	70.38	21800	110000	106200	120000	120000				
23	61.02	21800	110000	106200	120000	120000				
26	54.29	19800	111200	107300	120000	120000				
30	46.79	17100	112600	108600	120000	120000				
37	38.02	13800	114000	110000	120000	120000				
45	31.30	10200	115200	111200	120000	120000				
51	27.62	9860	115300	111200	120000	120000				
58	23.95	8750	115600	111500	120000	120000				
66	21.31	7780	115800	111700	120000	120000				
76	18.37	6710	116000	111900	120000	120000				
94	14.92	5450	116200	112100	120000	120000				
10	136.14	14800	76400	75700	90000	90000		540	470	
11	122.48	14800	76400	75700	90000	90000				
13	110.18	14800	76400	75700	90000	90000				
16	89.89	14800	76400	75700	90000	90000				
17	81.98	14800	76400	75700	90000	90000				
20	70.95*	14800	76400	75700	90000	90000				
22	62.60	14800	76400	75700	90000	90000				
26	54.07	14800	76400	75700	90000	90000				
29	47.82	14800	76400	75700	90000	90000				
35	40.19	14600	76800	76400	90000	90000				
39	36.25	10400	80500	82200	90000	90000				
45	31.37	9940	80700	82400	90000	90000				
51	27.68	9530	80900	82600	90000	90000				
59	23.91	8730	81200	83000	90000	90000				
66	21.15	7720	81600	83300	90000	90000				
79	17.77	6490	81900	83700	90000	90000				
98	14.35	5240	82200	84000	90000	90000				
109	12.79	4670	82400	84100	90000	90000				
130	10.74	3920	82500	84300	90000	90000				
161	8.68	3170	82600	84400	90000	90000				
12	112.41*	9090	65000	65000	65000	65000		390	466	
14	100.75	9090	65000	65000	65000	65000				
15	90.96*	9090	65000	65000	65000	65000				
17	82.61	9090	65000	65000	65000	65000				
19	73.30	9090	65000	65000	65000	65000				
21	66.52*	9090	65000	65000	65000	65000				
24	57.17*	9090	65000	65000	65000	65000				
28	49.90	9090	65000	65000	65000	65000				
33	42.33*	9090	65000	65000	65000	65000				
38	37.00*	9090	65000	65000	65000	65000				
43	32.69	8000	65000	65000	65000	65000				
45	31.28*	9090	65000	65000	65000	65000				
48	29.00	7720	65000	65000	65000	65000				
53	26.32	7470	65000	65000	65000	65000				
62	22.62	7060	65000	65000	65000	65000				
71	19.74	6700	65000	65000	65000	65000				
84	16.75	6110	65000	65000	65000	65000				
96	14.64	5340	65000	65000	65000	65000				
104	13.43	4190	65000	65000	65000	65000				
119	11.73	3970	65000	65000	65000	65000				
141	9.94	3630	65000	65000	65000	65000				
161	8.69	3170	65000	65000	65000	65000				
190	7.35	2680	65000	65000	65000	65000				

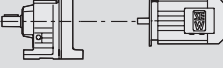
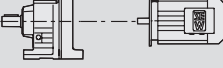
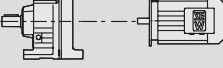
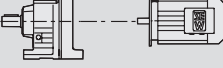
K 157 DRL 160M4 780 474
 KF 157 DRL 160M4 860 475
 KA 157 DRL 160M4 740 476
 KAF 157 DRL 160M4 800 475

K 127 DRL 160M4 540 470
 KF 127 DRL 160M4 590 471
 KA 127 DRL 160M4 520 472
 KAF 127 DRL 160M4 550 471

K 107 DRL 160M4 390 466
 KF 107 DRL 160M4 400 467
 KA 107 DRL 160M4 360 468
 KAF 107 DRL 160M4 385 467

DRL160M4BF20

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
14	96.80	4710	40000	38300	40000	40000		275	462
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4380	40000	38600	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3180	40000	39600	40000	40000			
186	7.54	2750	40000	39800	40000	40000			
18	79.34	3240	26500	25600	30000	30000		215	458
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			
24	58.34	1550	15400	16600	20000	20000		180	454
27	51.18	1550	15400	16600	20000	20000			
31	45.16	1550	15400	16600	20000	20000			
35	40.04	1550	15400	16600	20000	20000			
61	23.08	1550	15400	16600	20000	20000			
69	20.25	1550	15400	16600	20000	20000			
78	17.87	1550	15400	16600	20000	20000			
88	15.84	1550	15400	16600	20000	20000			
104	13.52	1550	15400	16600	20000	20000			
113	12.36	1170	17600	17700	20000	20000			
129	10.84	1170	17600	17700	20000	20000			
146	9.56	1160	17600	17700	20000	20000			
165	8.48	1160	17600	17700	20000	20000			
193	7.24	1150	17700	17700	20000	20000			

K	97	DRL 160M4	275	462
KF	97	DRL 160M4	295	463
KA	97	DRL 160M4	255	464
KAF	97	DRL 160M4	280	463

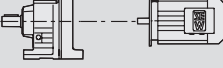
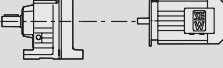
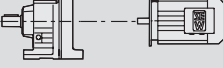
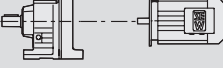
K	87	DRL 160M4	215	458
KF	87	DRL 160M4	225	459
KA	87	DRL 160M4	205	460
KAF	87	DRL 160M4	215	459

K	77	DRL 160M4	180	454
KF	77	DRL 160M4	190	455
KA	77	DRL 160M4	175	456
KAF	77	DRL 160M4	180	455

DRL160MC4BF20							n _e =1400 rpm			
n _a rpm	i	M _a Notaus,BF Nm	F _{Ra} Notaus,BF ¹⁾ N						m kg	
			K	KF	KA	KAF				
7.8	179.86	49600	190000	-	-	-	K	187	DRL 160MC4	1760 479
8.5	165.21	48500	190000	-	-	-				
9.7	144.59	46600	190000	-	-	-				
11	129.69	45100	190000	-	-	-				
12	112.60	41100	190000	-	-	-				
14	102.16	37300	190000	-	-	-				
16	88.00	32100	190000	-	-	-				
19	73.96	27000	190000	-	-	-				
33	42.51	15500	190000	-	-	-				
36	38.57	14000	190000	-	-	-				
42	33.23	12100	190000	-	-	-	K	167	DRL 160MC4	1180 478
50	27.92	10200	190000	-	-	-				
8.5	164.50	32100	150000	-	-	-				
10	134.99	31300	150000	-	-	-				
13	109.83	29300	150000	-	-	-				
16	87.86	27500	150000	-	-	-				
18	78.14	26500	150000	-	-	-				
21	68.07	24800	150000	-	-	-				
23	60.74	22100	150000	-	-	-				
27	51.77	18900	150000	-	-	-				
33	42.89	15600	150000	-	-	-	K	157	DRL 160MC4	780 474
43	32.25	11700	150000	-	-	-				
49	28.77	10500	150000	-	-	-				
57	24.52	8960	150000	-	-	-				
69	20.32	7420	150000	-	-	-				
9.3	150.41	21800	110000	106200	120000	120000				
11	122.39	21800	110000	106200	120000	120000				
14	100.22	21800	110000	106200	120000	120000				
15	91.65	21800	110000	106200	120000	120000				
18	79.75	21800	110000	106200	120000	120000				
20	70.38	21800	110000	106200	120000	120000	K	157	DRL 160MC4	780 474
23	61.02	21800	110000	106200	120000	120000				
26	54.29	19800	111200	107300	120000	120000				
30	46.79	17100	112600	108600	120000	120000				
37	38.02	13800	114000	110000	120000	120000				
45	31.30	10200	115200	111200	120000	120000				
51	27.62	9860	115300	111200	120000	120000				
58	23.95	8750	115600	111500	120000	120000				
66	21.31	7780	115800	111700	120000	120000				
76	18.37	6710	116000	111900	120000	120000				
94	14.92	5450	116200	112100	120000	120000	K	127	DRL 160MC4	550 470
10	136.14	14800	76400	75700	90000	90000				
11	122.48	14800	76400	75700	90000	90000				
13	110.18	14800	76400	75700	90000	90000				
16	89.89	14800	76400	75700	90000	90000				
17	81.98	14800	76400	75700	90000	90000				
20	70.95*	14800	76400	75700	90000	90000				
22	62.60	14800	76400	75700	90000	90000				
26	54.07	14800	76400	75700	90000	90000				
29	47.82	14800	76400	75700	90000	90000				
35	40.19	14600	76800	76400	90000	90000	K	127	DRL 160MC4	550 470
39	36.25	10400	80500	82200	90000	90000				
45	31.37	9940	80700	82400	90000	90000				
51	27.68	9530	80900	82600	90000	90000				
59	23.91	8730	81200	83000	90000	90000				
66	21.15	7720	81600	83300	90000	90000				
79	17.77	6490	81900	83700	90000	90000				
98	14.35	5240	82200	84000	90000	90000				
109	12.79	4670	82400	84100	90000	90000				
130	10.74	3920	82500	84300	90000	90000				
161	8.68	3170	82600	84400	90000	90000	K	127	DRL 160MC4	550 470
10	136.14	14800	76400	75700	90000	90000				
11	122.48	14800	76400	75700	90000	90000				
13	110.18	14800	76400	75700	90000	90000				
16	89.89	14800	76400	75700	90000	90000				
17	81.98	14800	76400	75700	90000	90000				
20	70.95*	14800	76400	75700	90000	90000				
22	62.60	14800	76400	75700	90000	90000				
26	54.07	14800	76400	75700	90000	90000				
29	47.82	14800	76400	75700	90000	90000				

DRL160MC4BF20

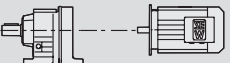
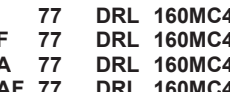
n_e=1400 rpm

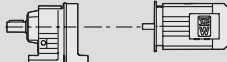
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
12	112.41*	9090	65000	65000	65000	65000		395	466
14	100.75	9090	65000	65000	65000	65000			
15	90.96*	9090	65000	65000	65000	65000			
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8000	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	7720	65000	65000	65000	65000			
53	26.32	7470	65000	65000	65000	65000			
62	22.62	7060	65000	65000	65000	65000			
71	19.74	6700	65000	65000	65000	65000			
84	16.75	6110	65000	65000	65000	65000			
96	14.64	5340	65000	65000	65000	65000			
104	13.43	4190	65000	65000	65000	65000			
119	11.73	3970	65000	65000	65000	65000			
141	9.94	3630	65000	65000	65000	65000			
161	8.69	3170	65000	65000	65000	65000			
190	7.35	2680	65000	65000	65000	65000			
14	96.80	4710	40000	38300	40000	40000		280	462
16	86.52	4710	40000	38300	40000	40000			
18	77.89*	4710	40000	38300	40000	40000			
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
37	38.30	4710	40000	38300	40000	40000			
41	34.23	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4380	40000	38600	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3180	40000	39600	40000	40000			
186	7.54	2750	40000	39800	40000	40000			
18	79.34	3240	26500	25600	30000	30000		220	458
20	70.46	3240	26500	25600	30000	30000			
22	63.00*	3240	26500	25600	30000	30000			
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
45	31.39	3240	26500	25600	30000	30000			
50	27.88	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
88	16.00	2270	27700	26700	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			

K	107	DRL 160MC4	395	466
KF	107	DRL 160MC4	405	467
KA	107	DRL 160MC4	365	468
KAF	107	DRL 160MC4	390	467

K	97	DRL 160MC4	280	462
KF	97	DRL 160MC4	300	463
KA	97	DRL 160MC4	260	464
KAF	97	DRL 160MC4	285	463

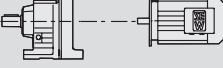
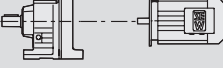
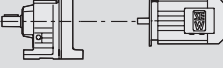
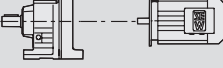
K	87	DRL 160MC4	220	458
KF	87	DRL 160MC4	230	459
KA	87	DRL 160MC4	210	460
KAF	87	DRL 160MC4	220	459

DRL160MC4BF20							n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N						m kg		
			K	KF	KA	KAF					
24	58.34	1550	15400	16600	20000	20000		K 77	DRL 160MC4	185	454
27	51.18	1550	15400	16600	20000	20000					
31	45.16	1550	15400	16600	20000	20000					
35	40.04	1550	15400	16600	20000	20000					
61	23.08	1550	15400	16600	20000	20000					
69	20.25	1550	15400	16600	20000	20000					
78	17.87	1550	15400	16600	20000	20000					
88	15.84	1550	15400	16600	20000	20000					
104	13.52	1550	15400	16600	20000	20000					
113	12.36	1170	17600	17700	20000	20000					
129	10.84	1170	17600	17700	20000	20000					
146	9.56	1160	17600	17700	20000	20000					
165	8.48	1160	17600	17700	20000	20000					
193	7.24	1150	17700	17700	20000	20000					

DRL180S4BF30							n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg			
			K	KF	KA	KAF					
7.8	179.86	55600	190000	-	-	-	K	187	DRL 180S4	1810	479
8.5	165.21	55600	190000	-	-	-					
9.7	144.59	55600	190000	-	-	-					
11	129.69	55600	190000	-	-	-					
12	112.60	55600	190000	-	-	-					
14	102.16	55600	190000	-	-	-					
16	88.00	55400	190000	-	-	-					
19	73.96	46500	190000	-	-	-					
22	64.04	40300	190000	-	-	-					
26	53.36	33600	190000	-	-	-					
31	45.50*	28600	190000	-	-	-					
33	42.51	26700	190000	-	-	-					
36	38.57	24200	190000	-	-	-					
42	33.23	20900	190000	-	-	-					
50	27.92	17500	190000	-	-	-					
58	24.18	15200	190000	-	-	-					
69	20.15	12600	190000	-	-	-					
81	17.18	10800	190000	-	-	-					
10	134.99	32100	150000	-	-	-	K	167	DRL 180S4	1230	478
13	109.83	32100	150000	-	-	-					
16	87.86	32100	150000	-	-	-					
18	78.14	32100	150000	-	-	-					
21	68.07	32100	150000	-	-	-					
23	60.74	32100	150000	-	-	-					
27	51.77	32100	150000	-	-	-					
33	42.89	27000	150000	-	-	-					
38	36.61	23000	150000	-	-	-					
43	32.25	20300	150000	-	-	-					
49	28.77	18100	150000	-	-	-					
57	24.52	15400	150000	-	-	-					
69	20.32	12700	150000	-	-	-					
81	17.34	10900	150000	-	-	-					

DRL180S4BF30

n_e=1400 rpm

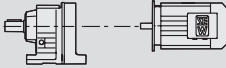
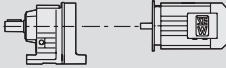
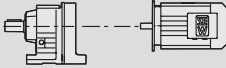
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
11	122.39	21800	110000	106200	120000	120000		840	474
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	19700	111300	107400	120000	120000			
51	27.62	17400	112500	108500	120000	120000			
58	23.95	15000	113600	109600	120000	120000			
66	21.31	13400	114200	110200	120000	120000			
76	18.37	11500	114800	110800	120000	120000			
94	14.92	9400	115400	111400	120000	120000			
111	12.65	7970	115800	111700	120000	120000			
13	110.18	14800	76400	75700	90000	90000		610	470
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000			
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000			
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			
15	90.96*	9090	65000	65000	65000	65000		450	466
17	82.61	9090	65000	65000	65000	65000			
19	73.30	9090	65000	65000	65000	65000			
21	66.52*	9090	65000	65000	65000	65000			
24	57.17*	9090	65000	65000	65000	65000			
28	49.90	9090	65000	65000	65000	65000			
33	42.33*	9090	65000	65000	65000	65000			
38	37.00*	9090	65000	65000	65000	65000			
43	32.69	8430	65000	65000	65000	65000			
45	31.28*	9090	65000	65000	65000	65000			
48	29.00	8400	65000	65000	65000	65000			
53	26.32	8370	65000	65000	65000	65000			
62	22.62	8320	65000	65000	65000	65000			
71	19.74	8270	65000	65000	65000	65000			
84	16.75	8160	65000	65000	65000	65000			
96	14.64	8060	65000	65000	65000	65000			
104	13.43	4940	65000	65000	65000	65000			
119	11.73	4910	65000	65000	65000	65000			
141	9.94	4840	65000	65000	65000	65000			
161	8.69	4780	65000	65000	65000	65000			
190	7.35	4620	65000	65000	65000	65000			

K 157 DRL 180S4 840 474
KF 157 DRL 180S4 920 475
KA 157 DRL 180S4 800 476
KAF 157 DRL 180S4 860 475

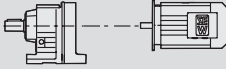
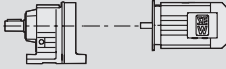
K 127 DRL 180S4 610 470
KF 127 DRL 180S4 650 471
KA 127 DRL 180S4 580 472
KAF 127 DRL 180S4 610 471

K 107 DRL 180S4 450 466
KF 107 DRL 180S4 465 467
KA 107 DRL 180S4 425 468
KAF 107 DRL 180S4 450 467

DRL180S4BF30**n_e=1400 rpm**

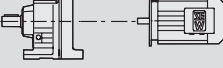
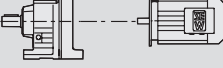
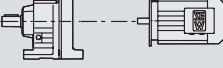
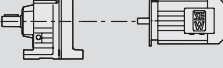
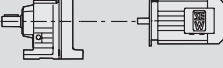
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
18	77.89*	4710	40000	38300	40000	40000		K 97 DRL 180S4 340 462 KF 97 DRL 180S4 360 463 KA 97 DRL 180S4 320 464 KAF 97 DRL 180S4 345 463	
20	70.54	4710	40000	38300	40000	40000			
22	62.55	4710	40000	38300	40000	40000			
25	56.55	4710	40000	38300	40000	40000			
29	47.93*	4710	40000	38300	40000	40000			
33	41.87	4710	40000	38300	40000	40000			
45	30.82	4710	40000	38300	40000	40000			
50	27.91	4710	40000	38300	40000	40000			
57	24.75	4710	40000	38300	40000	40000			
63	22.37	4710	40000	38300	40000	40000			
74	18.96	4710	40000	38300	40000	40000			
85	16.56	4710	40000	38300	40000	40000			
101	13.85	4710	40000	38300	40000	40000			
117	11.99	4710	40000	38300	40000	40000			
134	10.41	3610	40000	39300	40000	40000			
161	8.71	3590	40000	39300	40000	40000			
186	7.54	3560	40000	39300	40000	40000			
22	63.00*	3240	26500	25600	30000	30000		K 87 DRL 180S4 280 458 KF 87 DRL 180S4 285 459 KA 87 DRL 180S4 265 460 KAF 87 DRL 180S4 280 459	
25	56.64	3240	26500	25600	30000	30000			
28	49.16	3240	26500	25600	30000	30000			
32	44.02	3240	26500	25600	30000	30000			
38	36.52*	3240	26500	25600	30000	30000			
56	24.92	3240	26500	25600	30000	30000			
62	22.41	3240	26500	25600	30000	30000			
72	19.45	3240	26500	25600	30000	30000			
80	17.42	3240	26500	25600	30000	30000			
97	14.45	3150	26700	25700	30000	30000			
111	12.56	3000	26900	25900	30000	30000			
125	11.17	2250	27800	26700	30000	30000			
140	10.00	2240	27800	26700	30000	30000			
169	8.29	2100	27900	26900	30000	30000			
194	7.21	1950	28100	27000	30000	30000			

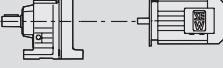
DRL180M4BF30**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-		K 187 DRL 180M4 1830 479	
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55400	190000	-	-	-			
19	73.96	46500	190000	-	-	-			
22	64.04	40300	190000	-	-	-			
26	53.36	33600	190000	-	-	-			
31	45.50*	28600	190000	-	-	-			
33	42.51	26700	190000	-	-	-			
36	38.57	24200	190000	-	-	-			
42	33.23	20900	190000	-	-	-			
50	27.92	17500	190000	-	-	-			
58	24.18	15200	190000	-	-	-			
69	20.15	12600	190000	-	-	-			
81	17.18	10800	190000	-	-	-			

DRL180M4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
10	134.99	32100	150000	-	-	-		167	DRL 180M4
13	109.83	32100	150000	-	-	-			
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	27000	150000	-	-	-			
38	36.61	23000	150000	-	-	-			
43	32.25	20300	150000	-	-	-			
49	28.77	18100	150000	-	-	-			
57	24.52	15400	150000	-	-	-			
69	20.32	12700	150000	-	-	-		157	DRL 180M4
81	17.34	10900	150000	-	-	-			
11	122.39	21800	110000	106200	120000	120000			
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	19700	111300	107400	120000	120000			
51	27.62	17400	112500	108500	120000	120000		157	DRL 180M4
58	23.95	15000	113600	109600	120000	120000			
66	21.31	13400	114200	110200	120000	120000			
76	18.37	11500	114800	110800	120000	120000			
94	14.92	9400	115400	111400	120000	120000			
111	12.65	7970	115800	111700	120000	120000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000		127	DRL 180M4
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000			
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			
13	110.18	14800	76400	75700	90000	90000			
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000			
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000			
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			

DRL180M4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				 m kg			
			K	KF	KA	KAF				
15	90.96*	9090	65000	65000	65000	65000				
17	82.61	9090	65000	65000	65000	65000				
19	73.30	9090	65000	65000	65000	65000				
21	66.52*	9090	65000	65000	65000	65000				
24	57.17*	9090	65000	65000	65000	65000				
28	49.90	9090	65000	65000	65000	65000				
33	42.33*	9090	65000	65000	65000	65000				
38	37.00*	9090	65000	65000	65000	65000				
43	32.69	8430	65000	65000	65000	65000				
45	31.28*	9090	65000	65000	65000	65000				
48	29.00	8400	65000	65000	65000	65000				
53	26.32	8370	65000	65000	65000	65000				
62	22.62	8320	65000	65000	65000	65000				
71	19.74	8270	65000	65000	65000	65000				
84	16.75	8160	65000	65000	65000	65000				
96	14.64	8060	65000	65000	65000	65000				
104	13.43	4940	65000	65000	65000	65000				
119	11.73	4910	65000	65000	65000	65000				
141	9.94	4840	65000	65000	65000	65000				
161	8.69	4780	65000	65000	65000	65000				
190	7.35	4620	65000	65000	65000	65000				
18	77.89*	4710	40000	38300	40000	40000				
20	70.54	4710	40000	38300	40000	40000				
22	62.55	4710	40000	38300	40000	40000				
25	56.55	4710	40000	38300	40000	40000				
29	47.93*	4710	40000	38300	40000	40000				
33	41.87	4710	40000	38300	40000	40000				
45	30.82	4710	40000	38300	40000	40000				
50	27.91	4710	40000	38300	40000	40000				
57	24.75	4710	40000	38300	40000	40000				
63	22.37	4710	40000	38300	40000	40000				
74	18.96	4710	40000	38300	40000	40000				
85	16.56	4710	40000	38300	40000	40000				
101	13.85	4710	40000	38300	40000	40000				
117	11.99	4710	40000	38300	40000	40000				
134	10.41	3610	40000	39300	40000	40000				
161	8.71	3590	40000	39300	40000	40000				
186	7.54	3560	40000	39300	40000	40000				
22	63.00*	3240	26500	25600	30000	30000				
25	56.64	3240	26500	25600	30000	30000				
28	49.16	3240	26500	25600	30000	30000				
32	44.02	3240	26500	25600	30000	30000				
38	36.52*	3240	26500	25600	30000	30000				
56	24.92	3240	26500	25600	30000	30000				
62	22.41	3240	26500	25600	30000	30000				
72	19.45	3240	26500	25600	30000	30000				
80	17.42	3240	26500	25600	30000	30000				
97	14.45	3150	26700	25700	30000	30000				
111	12.56	3000	26900	25900	30000	30000				
125	11.17	2250	27800	26700	30000	30000				
140	10.00	2240	27800	26700	30000	30000				
169	8.29	2100	27900	26900	30000	30000				
194	7.21	1950	28100	27000	30000	30000				

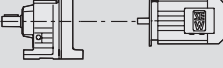
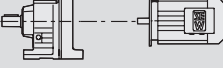
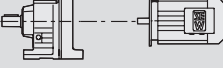
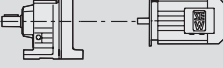
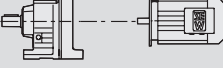
K	107	DRL 180M4	470	466
KF	107	DRL 180M4	480	467
KA	107	DRL 180M4	440	468
KAF	107	DRL 180M4	465	467

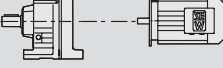
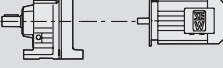
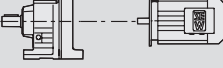
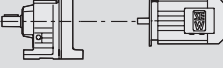
K	97	DRL 180M4	355	462
KF	97	DRL 180M4	375	463
KA	97	DRL 180M4	335	464
KAF	97	DRL 180M4	360	463

K	87	DRL 180M4	295	458
KF	87	DRL 180M4	305	459
KA	87	DRL 180M4	285	460
KAF	87	DRL 180M4	295	459

DRL180L4BF30

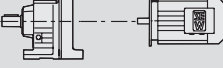
n_e=1400 rpm

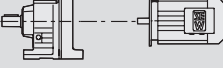
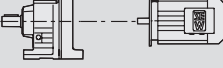
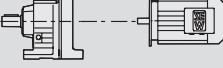
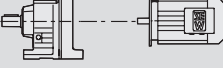
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-		K 187 DRL 180L4	1840 479
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55400	190000	-	-	-			
19	73.96	46500	190000	-	-	-			
22	64.04	40300	190000	-	-	-			
26	53.36	33600	190000	-	-	-			
31	45.50*	28600	190000	-	-	-			
33	42.51	26700	190000	-	-	-			
36	38.57	24200	190000	-	-	-			
42	33.23	20900	190000	-	-	-			
50	27.92	17500	190000	-	-	-			
58	24.18	15200	190000	-	-	-			
69	20.15	12600	190000	-	-	-			
81	17.18	10800	190000	-	-	-			
10	134.99	32100	150000	-	-	-		K 167 DRL 180L4	1260 478
13	109.83	32100	150000	-	-	-			
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	27000	150000	-	-	-			
38	36.61	23000	150000	-	-	-			
43	32.25	20300	150000	-	-	-			
49	28.77	18100	150000	-	-	-			
57	24.52	15400	150000	-	-	-			
69	20.32	12700	150000	-	-	-			
81	17.34	10900	150000	-	-	-			
11	122.39	21800	110000	106200	120000	120000		K 157 DRL 180L4	870 474
14	100.22	21800	110000	106200	120000	120000			
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	19700	111300	107400	120000	120000			
51	27.62	17400	112500	108500	120000	120000			
58	23.95	15000	113600	109600	120000	120000			
66	21.31	13400	114200	110200	120000	120000			
76	18.37	11500	114800	110800	120000	120000			
94	14.92	9400	115400	111400	120000	120000			
111	12.65	7970	115800	111700	120000	120000			
13	110.18	14800	76400	75700	90000	90000		K 127 DRL 180L4	630 470
16	89.89	14800	76400	75700	90000	90000			
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	13300	79000	80700	90000	90000			
79	17.77	11100	80200	81900	90000	90000			
98	14.35	9030	81100	82800	90000	90000			
109	12.79	8050	81400	83200	90000	90000			
130	10.74	6760	81800	83600	90000	90000			
161	8.68	5460	82200	84000	90000	90000			

DRL180L4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N				 m kg			
			K	KF	KA	KAF				
15	90.96*	9090	65000	65000	65000	65000	 K 107 DRL 180L4 480 466 KF 107 DRL 180L4 490 467 KA 107 DRL 180L4 450 468 KAF 107 DRL 180L4 475 467			
17	82.61	9090	65000	65000	65000	65000				
19	73.30	9090	65000	65000	65000	65000				
21	66.52*	9090	65000	65000	65000	65000				
24	57.17*	9090	65000	65000	65000	65000				
28	49.90	9090	65000	65000	65000	65000				
33	42.33*	9090	65000	65000	65000	65000				
38	37.00*	9090	65000	65000	65000	65000				
43	32.69	8430	65000	65000	65000	65000				
45	31.28*	9090	65000	65000	65000	65000				
48	29.00	8400	65000	65000	65000	65000				
53	26.32	8370	65000	65000	65000	65000				
62	22.62	8320	65000	65000	65000	65000				
71	19.74	8270	65000	65000	65000	65000				
84	16.75	8160	65000	65000	65000	65000				
96	14.64	8060	65000	65000	65000	65000				
104	13.43	4940	65000	65000	65000	65000				
119	11.73	4910	65000	65000	65000	65000				
141	9.94	4840	65000	65000	65000	65000				
161	8.69	4780	65000	65000	65000	65000				
190	7.35	4620	65000	65000	65000	65000				
18	77.89*	4710	40000	38300	40000	40000	 K 97 DRL 180L4 365 462 KF 97 DRL 180L4 385 463 KA 97 DRL 180L4 345 464 KAF 97 DRL 180L4 370 463			
20	70.54	4710	40000	38300	40000	40000				
22	62.55	4710	40000	38300	40000	40000				
25	56.55	4710	40000	38300	40000	40000				
29	47.93*	4710	40000	38300	40000	40000				
33	41.87	4710	40000	38300	40000	40000				
45	30.82	4710	40000	38300	40000	40000				
50	27.91	4710	40000	38300	40000	40000				
57	24.75	4710	40000	38300	40000	40000				
63	22.37	4710	40000	38300	40000	40000				
74	18.96	4710	40000	38300	40000	40000				
85	16.56	4710	40000	38300	40000	40000				
101	13.85	4710	40000	38300	40000	40000				
117	11.99	4710	40000	38300	40000	40000				
134	10.41	3610	40000	39300	40000	40000				
161	8.71	3590	40000	39300	40000	40000				
186	7.54	3560	40000	39300	40000	40000				
22	63.00*	3240	26500	25600	30000	30000	 K 87 DRL 180L4 305 458 KF 87 DRL 180L4 315 459 KA 87 DRL 180L4 295 460 KAF 87 DRL 180L4 305 459			
25	56.64	3240	26500	25600	30000	30000				
28	49.16	3240	26500	25600	30000	30000				
32	44.02	3240	26500	25600	30000	30000				
38	36.52*	3240	26500	25600	30000	30000				
56	24.92	3240	26500	25600	30000	30000				
62	22.41	3240	26500	25600	30000	30000				
72	19.45	3240	26500	25600	30000	30000				
80	17.42	3240	26500	25600	30000	30000				
97	14.45	3150	26700	25700	30000	30000				
111	12.56	3000	26900	25900	30000	30000				
125	11.17	2250	27800	26700	30000	30000				
140	10.00	2240	27800	26700	30000	30000				
169	8.29	2100	27900	26900	30000	30000				
194	7.21	1950	28100	27000	30000	30000				

DRL180LC4BF30

n_e=1400 rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			K	KF	KA	KAF			
7.8	179.86	55600	190000	-	-	-	K 187 DRL 180LC4	1850	479
8.5	165.21	55600	190000	-	-	-			
9.7	144.59	55600	190000	-	-	-			
11	129.69	55600	190000	-	-	-			
12	112.60	55600	190000	-	-	-			
14	102.16	55600	190000	-	-	-			
16	88.00	55600	190000	-	-	-			
19	73.96	55600	190000	-	-	-			
22	64.04	48800	190000	-	-	-			
26	53.36	40700	190000	-	-	-			
31	45.50*	34700	190000	-	-	-			
33	42.51	32400	190000	-	-	-			
36	38.57	29400	190000	-	-	-			
42	33.23	25300	190000	-	-	-			
50	27.92	21300	190000	-	-	-			
58	24.18	18400	190000	-	-	-			
69	20.15	15300	190000	-	-	-			
81	17.18	13100	190000	-	-	-			
13	109.83	32100	150000	-	-	-	K 167 DRL 180LC4	1270	478
16	87.86	32100	150000	-	-	-			
18	78.14	32100	150000	-	-	-			
21	68.07	32100	150000	-	-	-			
23	60.74	32100	150000	-	-	-			
27	51.77	32100	150000	-	-	-			
33	42.89	32100	150000	-	-	-			
38	36.61	27900	150000	-	-	-			
43	32.25	24300	150000	-	-	-			
49	28.77	21900	150000	-	-	-			
57	24.52	18700	150000	-	-	-			
69	20.32	15500	150000	-	-	-			
81	17.34	13200	150000	-	-	-			
14	100.22	21800	110000	106200	120000	120000	K 157 DRL 180LC4	880	474
15	91.65	21800	110000	106200	120000	120000			
18	79.75	21800	110000	106200	120000	120000			
20	70.38	21800	110000	106200	120000	120000			
23	61.02	21800	110000	106200	120000	120000			
26	54.29	21800	110000	106200	120000	120000			
30	46.79	21800	110000	106200	120000	120000			
37	38.02	21800	110000	106200	120000	120000			
45	31.30	20700	110700	106800	120000	120000			
51	27.62	19800	111200	107300	120000	120000			
58	23.95	18200	112100	108100	120000	120000			
66	21.31	16200	113000	109100	120000	120000			
76	18.37	14000	114000	109900	120000	120000			
94	14.92	11300	114900	110800	120000	120000			
111	12.65	9650	115400	111300	120000	120000			
16	89.89	14800	76400	75700	90000	90000	K 127 DRL 180LC4	640	470
17	81.98	14800	76400	75700	90000	90000			
20	70.95*	14800	76400	75700	90000	90000			
22	62.60	14800	76400	75700	90000	90000			
26	54.07	14800	76400	75700	90000	90000			
29	47.82	14800	76400	75700	90000	90000			
35	40.19	14800	76400	75700	90000	90000			
39	36.25	14800	76400	75700	90000	90000			
45	31.37	14800	76400	75700	90000	90000			
51	27.68	14800	76400	75700	90000	90000			
59	23.91	14800	76400	75700	90000	90000			
66	21.15	14800	76400	75700	90000	90000			
79	17.77	13500	78900	80400	90000	90000			
98	14.35	10900	80300	82000	90000	90000			
109	12.79	9680	80800	82600	90000	90000			
130	10.74	8190	81400	83100	90000	90000			
161	8.68	6620	81900	83700	90000	90000			

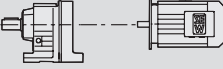
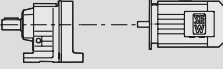
DRL180LC4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N							
			K	KF	KA	KAF				
19	73.30	9090	65000	65000	65000	65000				
21	66.52*	9090	65000	65000	65000	65000				
24	57.17*	9090	65000	65000	65000	65000				
28	49.90	9090	65000	65000	65000	65000				
33	42.33*	9090	65000	65000	65000	65000				
38	37.00*	9090	65000	65000	65000	65000				
45	31.28*	9090	65000	65000	65000	65000				
48	29.00	8400	65000	65000	65000	65000				
53	26.32	8370	65000	65000	65000	65000				
62	22.62	8320	65000	65000	65000	65000				
71	19.74	8270	65000	65000	65000	65000				
84	16.75	8160	65000	65000	65000	65000				
96	14.64	8060	65000	65000	65000	65000				
104	13.43	4940	65000	65000	65000	65000				
119	11.73	4910	65000	65000	65000	65000				
141	9.94	4840	65000	65000	65000	65000				
161	8.69	4780	65000	65000	65000	65000				
190	7.35	4720	65000	65000	65000	65000				
22	62.55	4710	40000	38300	40000	40000				
25	56.55	4710	40000	38300	40000	40000				
29	47.93*	4710	40000	38300	40000	40000				
33	41.87	4710	40000	38300	40000	40000				
57	24.75	4710	40000	38300	40000	40000				
63	22.37	4710	40000	38300	40000	40000				
74	18.96	4710	40000	38300	40000	40000				
85	16.56	4710	40000	38300	40000	40000				
101	13.85	4710	40000	38300	40000	40000				
117	11.99	4710	40000	38300	40000	40000				
134	10.41	3610	40000	39300	40000	40000				
161	8.71	3590	40000	39300	40000	40000				
186	7.54	3560	40000	39300	40000	40000				
28	49.16	3240	26500	25600	30000	30000				
32	44.02	3240	26500	25600	30000	30000				
38	36.52*	3240	26500	25600	30000	30000				
72	19.45	3240	26500	25600	30000	30000				
80	17.42	3240	26500	25600	30000	30000				
97	14.45	3150	26700	25700	30000	30000				
111	12.56	3000	26900	25900	30000	30000				
125	11.17	2250	27800	26700	30000	30000				
140	10.00	2240	27800	26700	30000	30000				
169	8.29	2100	27900	26900	30000	30000				
194	7.21	1950	28100	27000	30000	30000				

K 107 DRL 180LC4 490 466
 KF 107 DRL 180LC4 500 467
 KA 107 DRL 180LC4 465 468
 KAF 107 DRL 180LC4 490 467

K 97 DRL 180LC4 375 462
 KF 97 DRL 180LC4 395 463
 KA 97 DRL 180LC4 360 464
 KAF 97 DRL 180LC4 385 463

K 87 DRL 180LC4 315 458
 KF 87 DRL 180LC4 325 459
 KA 87 DRL 180LC4 305 460
 KAF 87 DRL 180LC4 320 459

10.2.4 Auswahltabellen S..DRL.. mit BF..

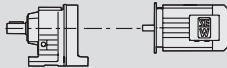
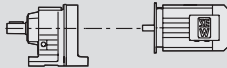
DRL132S4BF11							n_e=1400 rpm			
n_a rpm	i	M_{aNotaus,BF} Nm	F_{RaNotaus,BF}¹⁾ N							
			S	SF	SA	SAF			m kg	
20	71.43	3850	33500	33500	40000	40000				
23	60.59	3730	33700	33700	40000	40000				
25	55.79	3660	33900	33900	40000	40000				
28	49.87	3570	34000	34000	40000	40000				
31	44.89	3480	34200	34200	40000	40000				
34	40.65	3380	34400	34400	40000	40000				
39	36.05	3300	34500	34500	40000	40000				
43	32.60	3200	34600	34600	40000	40000				
53	26.39	2870	35100	35100	40000	40000				
59	23.59	2790	35200	35200	40000	40000				
66	21.23	2710	35300	35300	40000	40000				
73	19.23	2630	35500	35500	40000	40000				
82	17.05	2570	35500	35500	40000	40000				
91	15.42	2470	35700	35600	40000	40000				
107	13.07	2330	35800	35800	40000	40000				
123	11.41	2210	35900	35900	40000	40000				
147	9.55	1980	36200	36200	40000	40000				
169	8.26	1720	36400	36400	40000	40000				
25	57.00*	2170	28100	26900	30000	30000				
29	47.91	2090	28300	27000	30000	30000				
32	44.03	2060	28300	27100	30000	30000				
36	39.10	2000	28400	27200	30000	30000				
40	34.96*	1940	28500	27300	30000	30000				
45	31.43	1890	28600	27400	30000	30000				
51	27.28	1810	28700	27500	30000	30000				
55	25.50*	1560	29000	27800	30000	30000				
57	24.43	1740	28800	27600	30000	30000				
65	21.43	1560	29000	27800	30000	30000				
69	20.27	1630	29000	27700	30000	30000				
71	19.70	1560	29000	27800	30000	30000				
80	17.49	1560	29000	27800	30000	30000				
90	15.64*	1560	29000	27800	30000	30000				
100	14.06	1550	29000	27800	30000	30000				
115	12.21	1480	29100	27900	30000	30000				
128	10.93	1420	29200	27900	30000	30000				
154	9.07	1320	29300	28000	30000	30000				
178	7.88	1230	29400	28100	30000	30000				
32	43.33	1150	12700	12700	16000	16000				
34	41.07	1130	12900	12900	16000	16000				
39	35.94	1100	13100	13100	16000	16000				
43	32.38	1090	13200	13200	16000	16000				
49	28.41	1050	13500	13500	16000	16000				
56	25.07	1020	13700	13700	16000	16000				
63	22.22	980	13900	13900	16000	16000				
74	18.97	930	14200	14200	16000	16000				
76	18.42	920	14300	14300	16000	16000				
80	17.45	920	14300	14300	16000	16000				
92	15.28	920	14300	14300	16000	16000				
102	13.76	900	14400	14400	16000	16000				
116	12.07	870	14600	14600	16000	16000				
131	10.65	830	14800	14800	16000	16000				
148	9.44	800	14900	14900	16000	16000				
174	8.06	755	15100	15100	16000	16000				

S	97	DRL 132S4	210	492
SF	97	DRL 132S4	240	493
SA	97	DRL 132S4	205	494
SAF	97	DRL 132S4	230	493

S	87	DRL 132S4	150	488
SF	87	DRL 132S4	175	489
SA	87	DRL 132S4	150	490
SAF	87	DRL 132S4	165	489

S	77	DRL 132S4	115	484
SF	77	DRL 132S4	125	485
SA	77	DRL 132S4	115	486
SAF	77	DRL 132S4	120	485

DRL132S4BF11**n_e=1400 rpm**

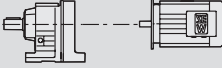
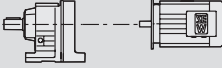
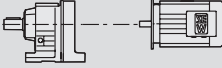
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg			
			S	SF	SA	SAF					
38	36.85	580	8080	8080	12000	12000					
40	34.80*	575	8140	8140	12000	12000					
47	29.63	550	8390	8390	12000	12000					
52	26.93	535	8540	8540	12000	12000					
60	23.33	515	8720	8720	12000	12000					
69	20.30*	490	8940	8940	12000	12000					
102	13.73*	455	9210	9210	12000	12000					
108	12.96*	455	9210	9210	12000	12000					
127	11.03	455	9210	9210	12000	12000					
140	10.03	450	9250	9250	12000	12000					
161	8.69	420	9460	9460	12000	12000					
185	7.56*	375	9740	9740	12000	12000					
								S 67	DRL 132S4	95	480
								SF 67	DRL 132S4	100	481
								SA 67	DRL 132S4	96	482
								SAF 67	DRL 132S4	100	481

DRL132MC4BF11**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg				
			S	SF	SA	SAF						
25	55.79	3660	33900	33900	40000	40000						
28	49.87	3570	34000	34000	40000	40000						
31	44.89	3480	34200	34200	40000	40000						
34	40.65	3380	34400	34400	40000	40000						
39	36.05	3300	34500	34500	40000	40000						
43	32.60	3200	34600	34600	40000	40000						
51	27.63	3010	34900	34900	40000	40000						
53	26.39	2870	35100	35100	40000	40000						
58	24.13	2870	35100	35100	40000	40000						
59	23.59	2790	35200	35200	40000	40000						
66	21.23	2710	35300	35300	40000	40000						
73	19.23	2630	35500	35500	40000	40000						
82	17.05	2570	35500	35500	40000	40000						
91	15.42	2470	35700	35600	40000	40000						
107	13.07	2330	35800	35800	40000	40000						
123	11.41	2210	35900	35900	40000	40000						
147	9.55	2040	36100	36100	40000	40000						
169	8.26	1870	36300	36300	40000	40000						
32	44.03	2060	28300	27100	30000	30000						
36	39.10	2000	28400	27200	30000	30000						
40	34.96*	1940	28500	27300	30000	30000						
45	31.43	1890	28600	27400	30000	30000						
51	27.28	1810	28700	27500	30000	30000						
57	24.43	1740	28800	27600	30000	30000						
69	20.27	1630	29000	27700	30000	30000						
71	19.70	1560	29000	27800	30000	30000						
80	17.49	1560	29000	27800	30000	30000						
90	15.64*	1560	29000	27800	30000	30000						
100	14.06	1550	29000	27800	30000	30000						
115	12.21	1480	29100	27900	30000	30000						
128	10.93	1420	29200	27900	30000	30000						
154	9.07	1320	29300	28000	30000	30000						
178	7.88	1230	29400	28100	30000	30000						
43	32.38	1090	13200	13200	16000	16000						
49	28.41	1050	13500	13500	16000	16000						
56	25.07	1020	13700	13700	16000	16000						
63	22.22	980	13900	13900	16000	16000						
74	18.97	930	14200	14200	16000	16000						
102	13.76	900	14400	14400	16000	16000						
116	12.07	870	14600	14600	16000	16000						
131	10.65	830	14800	14800	16000	16000						
148	9.44	800	14900	14900	16000	16000						
174	8.06	755	15100	15100	16000	16000						
								S 77	DRL 132MC4	130	484	
								SF 77	DRL 132MC4	140	485	
								SA 77	DRL 132MC4	130	486	
								SAF 77	DRL 132MC4	135	485	

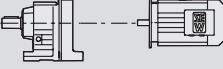
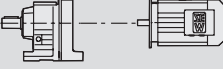
DRL160M4BF20

$n_e=1400$ rpm

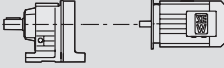
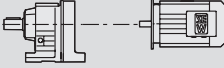
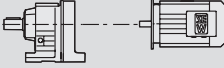
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			S	SF	SA	SAF			
25	55.79	3660	33900	33900	40000	40000		265	492
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
32	44.03	2060	28300	27100	30000	30000			
36	39.10	2000	28400	27200	30000	30000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
71	19.70	1560	29000	27800	30000	30000			
80	17.49	1560	29000	27800	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			
43	32.38	1090	13200	13200	16000	16000		170	484
49	28.41	1050	13500	13500	16000	16000			
56	25.07	1020	13700	13700	16000	16000			
63	22.22	980	13900	13900	16000	16000			
74	18.97	930	14200	14200	16000	16000			
102	13.76	900	14400	14400	16000	16000			
116	12.07	870	14600	14600	16000	16000			
131	10.65	830	14800	14800	16000	16000			
148	9.44	800	14900	14900	16000	16000			
174	8.06	755	15100	15100	16000	16000			

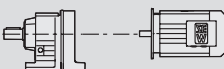
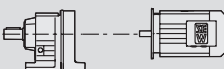
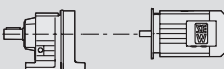
DRL160MC4BF20

$n_e=1400$ rpm

n_a rpm	i	$M_{aNotaus,BF}$ Nm	$F_{RaNotaus,BF}^{1)}$ N					m kg	
			S	SF	SA	SAF			
25	55.79	3660	33900	33900	40000	40000		270	492
28	49.87	3570	34000	34000	40000	40000			
31	44.89	3480	34200	34200	40000	40000			
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
53	26.39	2870	35100	35100	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
59	23.59	2790	35200	35200	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			

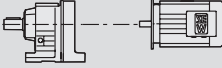
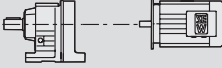
22121099/DE – 11/2015

DRL160MC4BF20							n _e =1400 rpm				
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg			
			S	SF	SA	SAF					
32	44.03	2060	28300	27100	30000	30000		S 87 SF 87 SA 87 SAF 87	DRL 160MC4 DRL 160MC4 DRL 160MC4 DRL 160MC4	210 230 210 225	488 489 490 489
36	39.10	2000	28400	27200	30000	30000					
40	34.96*	1940	28500	27300	30000	30000					
45	31.43	1890	28600	27400	30000	30000					
51	27.28	1810	28700	27500	30000	30000					
57	24.43	1740	28800	27600	30000	30000					
69	20.27	1630	29000	27700	30000	30000					
71	19.70	1560	29000	27800	30000	30000					
80	17.49	1560	29000	27800	30000	30000					
90	15.64*	1560	29000	27800	30000	30000					
100	14.06	1550	29000	27800	30000	30000					
115	12.21	1480	29100	27900	30000	30000					
128	10.93	1420	29200	27900	30000	30000					
154	9.07	1320	29300	28000	30000	30000					
178	7.88	1230	29400	28100	30000	30000					
43	32.38	1090	13200	13200	16000	16000		S 77 SF 77 SA 77 SAF 77	DRL 160MC4 DRL 160MC4 DRL 160MC4 DRL 160MC4	175 185 175 180	484 485 486 485
49	28.41	1050	13500	13500	16000	16000					
56	25.07	1020	13700	13700	16000	16000					
63	22.22	980	13900	13900	16000	16000					
74	18.97	930	14200	14200	16000	16000					
102	13.76	900	14400	14400	16000	16000					
116	12.07	870	14600	14600	16000	16000					
131	10.65	830	14800	14800	16000	16000					
148	9.44	800	14900	14900	16000	16000					
174	8.06	755	15100	15100	16000	16000					

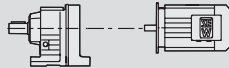
DRL180S4BF30							n _e =1400 rpm			
n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg		
			S	SF	SA	SAF				
31	44.89	3480	34200	34200	40000	40000		325	492	
34	40.65	3380	34400	34400	40000	40000				
39	36.05	3300	34500	34500	40000	40000				
43	32.60	3200	34600	34600	40000	40000				
51	27.63	3010	34900	34900	40000	40000				
58	24.13	2870	35100	35100	40000	40000				
66	21.23	2710	35300	35300	40000	40000				
73	19.23	2630	35500	35500	40000	40000				
82	17.05	2570	35500	35500	40000	40000				
91	15.42	2470	35700	35600	40000	40000				
107	13.07	2330	35800	35800	40000	40000				
123	11.41	2210	35900	35900	40000	40000				
147	9.55	2040	36100	36100	40000	40000				
169	8.26	1870	36300	36300	40000	40000				
40	34.96*	1940	28500	27300	30000	30000		270	488	
45	31.43	1890	28600	27400	30000	30000				
51	27.28	1810	28700	27500	30000	30000				
57	24.43	1740	28800	27600	30000	30000				
69	20.27	1630	29000	27700	30000	30000				
90	15.64*	1560	29000	27800	30000	30000				
100	14.06	1550	29000	27800	30000	30000				
115	12.21	1480	29100	27900	30000	30000				
128	10.93	1420	29200	27900	30000	30000				
154	9.07	1320	29300	28000	30000	30000				
178	7.88	1230	29400	28100	30000	30000				

DRL180M4BF30

$n_e=1400$ rpm

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			S	SF	SA	SAF			
31	44.89	3480	34200	34200	40000	40000		97	
34	40.65	3380	34400	34400	40000	40000			
39	36.05	3300	34500	34500	40000	40000			
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
66	21.23	2710	35300	35300	40000	40000			
73	19.23	2630	35500	35500	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			
40	34.96*	1940	28500	27300	30000	30000			
45	31.43	1890	28600	27400	30000	30000			
51	27.28	1810	28700	27500	30000	30000			
57	24.43	1740	28800	27600	30000	30000			
69	20.27	1630	29000	27700	30000	30000			
90	15.64*	1560	29000	27800	30000	30000			
100	14.06	1550	29000	27800	30000	30000			
115	12.21	1480	29100	27900	30000	30000			
128	10.93	1420	29200	27900	30000	30000			
154	9.07	1320	29300	28000	30000	30000			
178	7.88	1230	29400	28100	30000	30000			

DRL180LC4BF30**n_e=1400 rpm**

n _a rpm	i	M _{aNotaus,BF} Nm	F _{RaNotaus,BF} ¹⁾ N					m kg	
			S	SF	SA	SAF			
39	36.05	3300	34500	34500	40000	40000	S 97 DRL 180LC4 SF 97 DRL 180LC4 SA 97 DRL 180LC4 SAF 97 DRL 180LC4	365 400 360 385	492 493 494 493
43	32.60	3200	34600	34600	40000	40000			
51	27.63	3010	34900	34900	40000	40000			
58	24.13	2870	35100	35100	40000	40000			
82	17.05	2570	35500	35500	40000	40000			
91	15.42	2470	35700	35600	40000	40000			
107	13.07	2330	35800	35800	40000	40000			
123	11.41	2210	35900	35900	40000	40000			
147	9.55	2040	36100	36100	40000	40000			
169	8.26	1870	36300	36300	40000	40000			