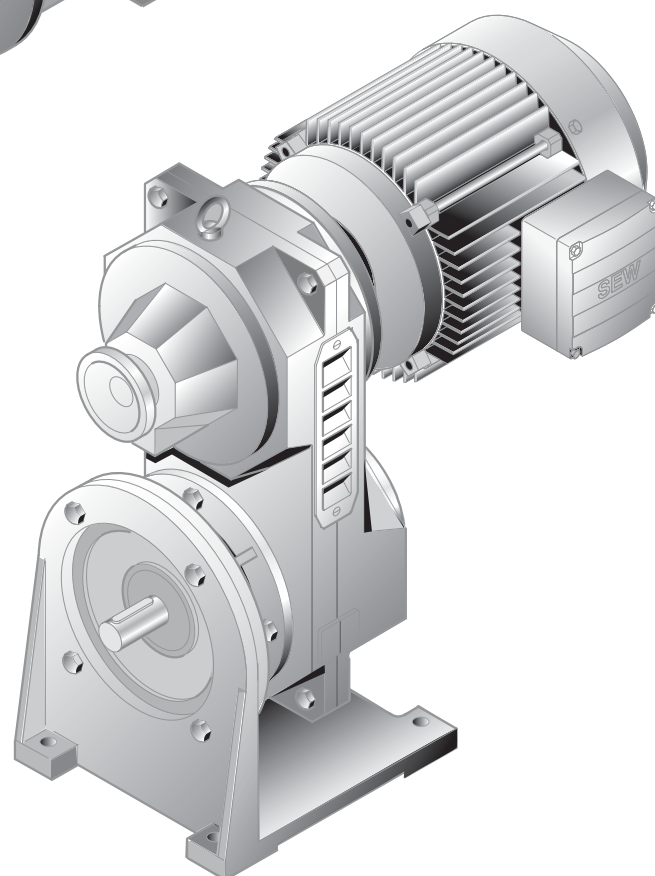
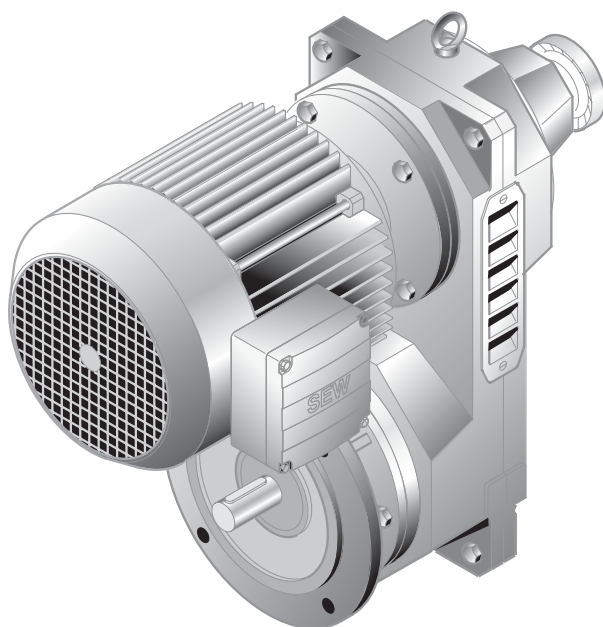
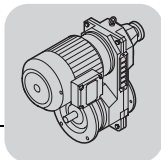
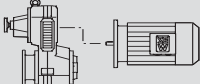
**8 VUF/VZF..****8.1 VUF/VZF..DR/DT/DV..**

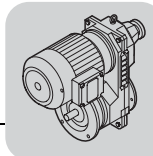
8

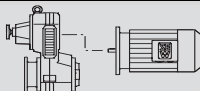
50608AXX

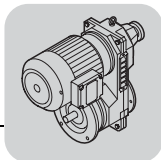


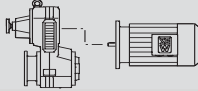
8.2 VUF/VZF..DR/DT/DV.. [kW]

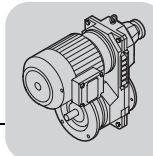
R = 1:5													
P _m [kW]	n _{a1} [1/min]	-	n _{a2}	P _{a1} [kW]	-	P _{a2}					d _{RZ} [mm]	m [kg]	
0.25	309	-	1545	0.05	-	0.20	VUF	01	DT	80N8	10	32	160
	408	-	2000	0.07	-	0.20	VZF	01	DT	71D6	10	29	160
	604	-	2950	0.10	-	0.20	VZF	01	DR	63L4	10	28	160
0.37	410	-	2045	0.14	-	0.30	VUF	01	DT	80K6	10	31	160
	613	-	3135	0.15	-	0.30	VZF	01	DT	71D4	10	29	160
0.55	410	-	2045	0.14	-	0.45	VUF	01	DT	80N6	10	32	160
	610	-	3085	0.20	-	0.45	VZF	01	DT	80K4	10	31	160
0.75	613	-	3135	0.20	-	0.62	VUF	01	DT	80N4	10	32	160
R = 1:6													
0.37	256	-	1505	0.27	-	0.30	VUF	21	DT	90S8	14	81	162
	270	-	1565	0.17	-	0.30	VZF	11	DT	90S8	12	53	161
	358	-	2070	0.23	-	0.30	VZF	11	DT	80K6	12	46	161
0.55	256	-	1505	0.27	-	0.45	VUF	21	DT	90L8	14	82	162
	270	-	1565	0.17	-	0.45	VZF	11	DT	90L8	12	55	161
	358	-	2070	0.23	-	0.45	VUF	11	DT	80N6	12	47	161
	533	-	3130	0.27	-	0.45	VZF	11	DT	80K4	12	46	161
0.75	256	-	1525	0.35	-	0.62	VUF	21	DV	100M8	14	89	162
	339	-	1990	0.35	-	0.62	VUF	21	DT	90S6	14	81	162
	358	-	2070	0.23	-	0.62	VUF	11	DT	90S6	12	53	161
	535	-	3175	0.27	-	0.62	VUF	11	DT	80N4	12	47	161
	536	-	3175	0.27	-	0.62	VZF	11	DT	80N4	12	47	161
1.1	256	-	1505	0.35	-	0.90	VUF	21	DV	100L8	14	93	162
	340	-	2035	0.35	-	0.90	VUF	21	DT	90L6	14	82	162
	509	-	3095	0.54	-	0.90	VUF	21	DT	90S4	14	81	162
	359	-	2115	0.23	-	0.90	VUF	11	DT	90L6	12	55	161
	536	-	3220	0.35	-	0.90	VUF	11	DT	90S4	12	53	161
1.5	256	-	1510	0.62	-	1.2	VUF	31	DV	112M8	18	130	163
	340	-	2035	0.46	-	1.2	VUF	21	DV	100M6	14	89	162
	509	-	3115	0.54	-	1.2	VUF	21	DT	90L4	14	82	162
	537	-	3245	0.35	-	1.2	VUF	11	DT	90L4	12	55	161
2.2	256	-	1510	0.62	-	1.8	VUF	31	DV	132S8	18	135	163
	341	-	2030	0.83	-	1.8	VUF	31	DV	112M6	18	130	163



R = 1:6												
P_m [kW]	n_{a1} [1/min]	-	n_{a2}	P_{a1} [kW]	-	P_{a2}				d_{RZ} [mm]	m [kg]	
2.2	509	-	3115	0.70	-	1.8	VUF VZF	21 21	DV	100M4	14	89 162
3.0	253	-	1525	1.3	-	2.5	VUF VZF	41 41	DV	132M8	22	210 164
	341	-	2030	0.83	-	2.5	VUF VZF	31 31	DV	132S6	18	135 163
	509	-	3095	0.70	-	2.5	VUF VZF	21 21	DV	100L4	14	93 162
4.0	253	-	1525	1.3	-	3.3	VUF VZF	41 41	DV	132ML8	22	220 164
	337	-	2035	1.7	-	3.3	VUF VZF	41 41	DV	132M6	22	210 164
	510	-	3065	1.2	-	3.3	VUF VZF	31 31	DV	112M4	18	130 163
5.5	253	-	1505	1.3	-	4.5	VUF VZF	41 41	DV	160M8	22	225 164
	337	-	2035	1.7	-	4.5	VUF VZF	41 41	DV	132ML6	22	220 164
	511	-	3090	1.2	-	4.5	VUF VZF	31 31	DV	132S4	18	135 163
7.5	257	-	1525	2.2	-	6.2	VUF	51	DV	160L8	28	355 165
	337	-	2035	1.7	-	6.2	VUF VZF	41 41	DV	160M6	22	225 164
	503	-	3030	2.5	-	6.2	VUF VZF	41 41	DV	132M4	22	210 164
9.2	503	-	3055	2.5	-	7.5	VUF VZF	41 41	DV	132ML4	22	220 164
11.0	257	-	1525	2.2	-	9.0	VUF	51	DV	180L8	28	420 165
	343	-	2035	3.0	-	9.0	VUF	51	DV	160L6	28	355 165
	503	-	3055	2.5	-	9.0	VUF VZF	41 41	DV	160M4	22	225 164
15.0	343	-	2055	3.0	-	12.3	VUF	51	DV	180L6	28	420 165
	514	-	3095	4.5	-	12.3	VUF	51	DV	160L4	28	355 165
18.5	514	-	3105	4.5	-	15.2	VUF	51	DV	180M4	28	405 165
22	514	-	3105	4.5	-	18.0	VUF	51	DV	180L4	28	420 165
R = 1:4												
15.0	274	-	1240	5.0	-	13.0	VUF	6	DV	200L8	32	550 166
18.5	366	-	1670	7.5	-	16.0	VUF	6	DV	200LS6	32	540 166
22	366	-	1670	7.5	-	19	VUF	6	DV	200L6	32	550 166
30	549	-	2530	10.0	-	25	VUF	6	DV	200L4	32	550 166
R = 1:3												
37	688	-	2085	15.0	-	30	VUF	6	DV	225S4	32	640 166
45	688	-	2085	15.0	-	37	VUF	6	DV	225M4	32	660 166
R = 1:7												
0.37	270	-	1870	0.17	-	0.30	VUF VZF	11 11	DT	90S8	12	53 161
	358	-	2475	0.23	-	0.30	VUF VZF	11 11	DT	80K6	12	46 161
0.55	270	-	1870	0.17	-	0.45	VUF VZF	11 11	DT	90L8	12	55 161



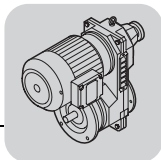
R = 1:7													
P _m [kW]	n _{a1} [1/min]	-	n _{a2}	P _{a1} [kW]	-	P _{a2}				d _{RZ} [mm]	m [kg]		
0.55	358	-	2475	0.23	-	0.45	VUF VZF	11 11	DT	80N6	12	47	161
	533	-	3740	0.27	-	0.45	VUF VZF	11 11	DT	80K4	12	46	161
0.75	358	-	2475	0.23	-	0.62	VUF VZF	11 11	DT	90S6	12	53	161
	535	-	3795	0.27	-	0.62	VUF VZF	11 11	DT	80N4	12	47	161
1.1	359	-	2530	0.23	-	0.90	VUF VZF	11 11	DT	90L6	12	55	161
	536	-	3850	0.35	-	0.90	VUF VZF	11 11	DT	90S4	12	53	161
1.5	537	-	3880	0.35	-	1.2	VUF VZF	11 11	DT	90L4	12	55	161
R = 1:8													
0.37	256	-	1945	0.27	-	0.30	VUF VZF	21 21	DT	90S8	14	81	162
0.55	256	-	1945	0.27	-	0.45	VUF VZF	21 21	DT	90L8	14	82	162
0.75	256	-	1975	0.35	-	0.62	VUF VZF	21 21	DV	100M8	14	89	162
	339	-	2575	0.35	-	0.62	VUF VZF	21 21	DT	90S6	14	81	162
1.1	256	-	1945	0.35	-	0.90	VUF VZF	21 21	DV	100L8	14	93	162
	340	-	2630	0.35	-	0.90	VUF VZF	21 21	DT	90L6	14	82	162
	509	-	4005	0.54	-	0.90	VUF VZF	21 21	DT	90S4	14	81	162
1.5	256	-	2000	0.62	-	1.2	VUF VZF	31 31	DV	112M8	18	130	163
	340	-	2630	0.46	-	1.2	VUF VZF	21 21	DV	100M6	14	89	162
	509	-	4035	0.54	-	1.2	VUF VZF	21 21	DT	90L4	14	82	162
2.2	256	-	2000	0.62	-	1.8	VUF VZF	31 31	DV	132S8	18	135	163
	341	-	2690	0.83	-	1.8	VUF VZF	31 31	DV	112M6	18	130	163
	509	-	4035	0.70	-	1.8	VUF VZF	21 21	DV	100M4	14	89	162
3.0	341	-	2690	0.83	-	2.5	VUF VZF	31 31	DV	132S6	18	135	163
	509	-	4005	0.70	-	2.5	VUF VZF	21 21	DV	100L4	14	93	162
4.0	510	-	4060	1.2	-	3.3	VUF VZF	31 31	DV	112M4	18	130	163
5.5	511	-	4090	1.2	-	4.5	VUF VZF	31 31	DV	132S4	18	135	163



8.3 VUF..U/VZF..U DR/DT/DV.. [kW]

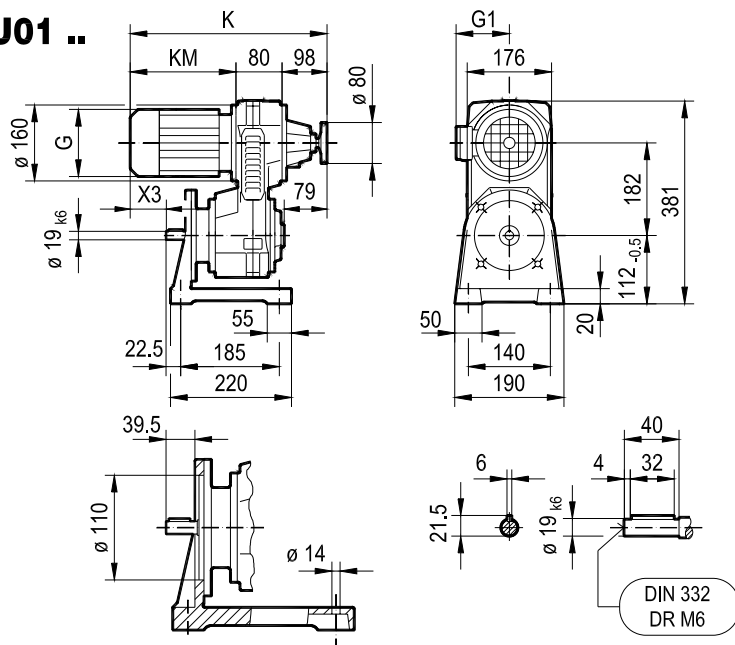
R = 1:5													
P _m [kW]	n _{a1} [1/min]	-	n _{a2}	P _{a1} [kW]	-	P _{a2}					d _{RZ} [mm]	m [kg]	
0.25	309	-	1545	0.05	-	0.20	VUF VZF	01U 01U	DT	80N8	10	32	160
	408	-	2000	0.07	-	0.20	VUF VZF	01U 01U	DT	71D6	10	29	160
0.37	410	-	2045	0.14	-	0.30	VUF VZF	01U 01U	DT	80K6	10	31	160
0.55	410	-	2045	0.14	-	0.45	VUF VZF	01U 01U	DT	80N6	10	32	160

R = 1:6													
0.37	256	-	1505	0.27	-	0.30	VUF VZF	21U 21U	DT	90S8	14	81	162
	270	-	1565	0.17	-	0.30	VUF VZF	11U 11U	DT	90S8	12	53	161
	358	-	2070	0.23	-	0.30	VUF VZF	11U 11U	DT	80K6	12	46	161
0.55	256	-	1505	0.27	-	0.45	VUF VZF	21U 21U	DT	90L8	14	82	162
	270	-	1565	0.17	-	0.45	VUF VZF	11U 11U	DT	90L8	12	55	161
	358	-	2070	0.23	-	0.45	VUF VZF	11U 11U	DT	80N6	12	47	161
0.75	256	-	1525	0.35	-	0.62	VUF VZF	21U 21U	DV	100M8	14	89	162
	339	-	1990	0.35	-	0.62	VUF VZF	21U 21U	DT	90S6	14	81	162
	358	-	2070	0.23	-	0.62	VUF VZF	11U 11U	DT	90S6	12	53	161
1.1	256	-	1505	0.35	-	0.90	VUF VZF	21U 21U	DV	100L8	14	93	162
	340	-	2035	0.35	-	0.90	VUF VZF	21U 21U	DT	90L6	14	82	162
	359	-	2115	0.23	-	0.90	VUF VZF	11U 11U	DT	90L6	12	55	161
1.5	256	-	1510	0.62	-	1.2	VUF VZF	31U 31U	DV	112M8	18	130	163
	340	-	2035	0.46	-	1.2	VUF VZF	21U 21U	DV	100M6	14	89	162
2.2	341	-	2030	0.83	-	1.8	VUF VZF	31U 31U	DV	112M6	18	130	163
3.0	253	-	1525	1.3	-	2.5	VUF VZF	41U 41U	DV	132M8	22	210	164
	341	-	2030	0.83	-	2.5	VUF VZF	31U 31U	DV	132S6	18	135	163
4.0	253	-	1525	1.3	-	3.3	VUF VZF	41U 41U	DV	132ML8	22	220	164
	337	-	2035	1.7	-	3.3	VUF VZF	41U 41U	DV	132M6	22	210	164
5.5	253	-	1505	1.3	-	4.5	VUF VZF	41U 41U	DV	160M8	22	225	164
	337	-	2035	1.7	-	4.5	VUF VZF	41U 41U	DV	132ML6	22	220	164

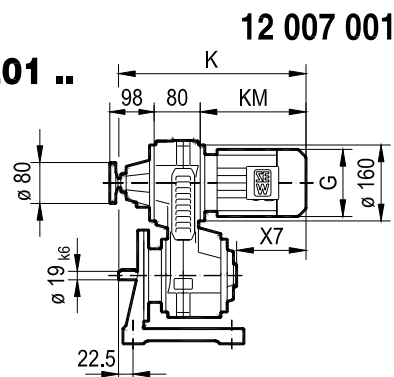


8.4 VUF/VZF..DR/DT/DV.. [mm]

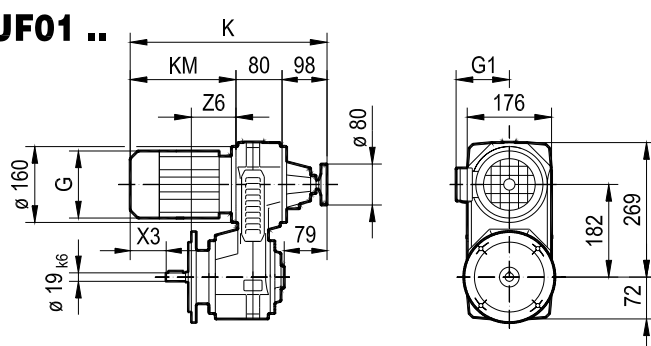
VU01 ..



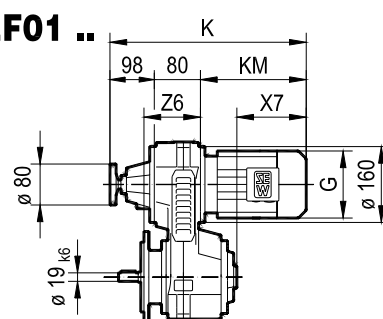
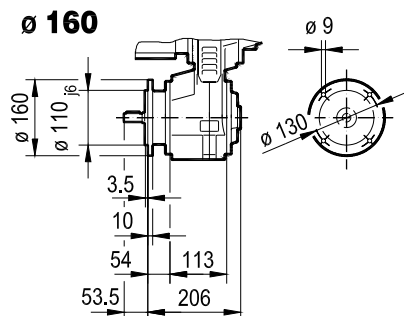
VZ01 ..



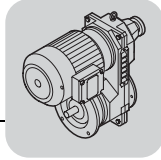
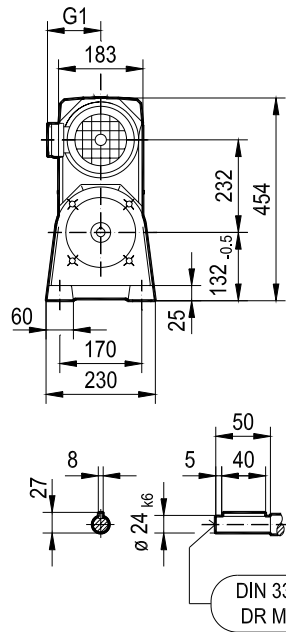
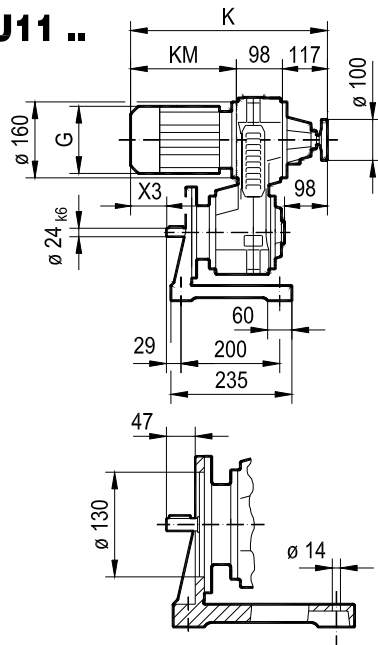
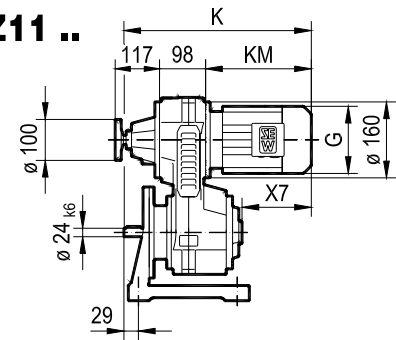
VUF01 ..



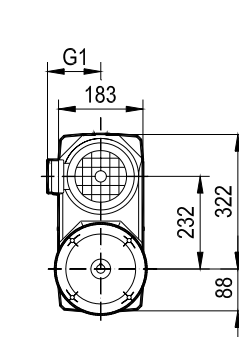
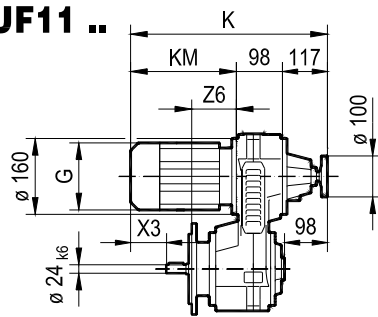
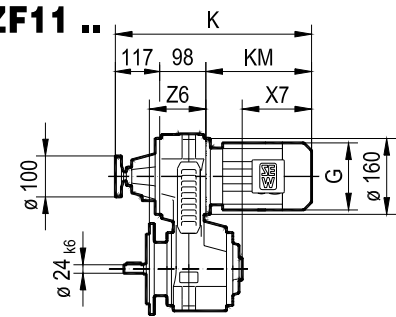
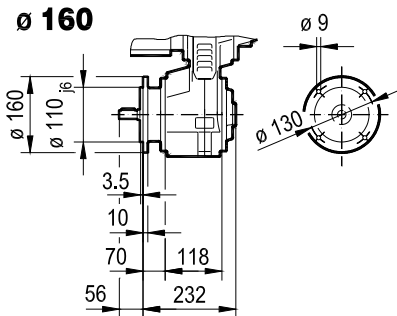
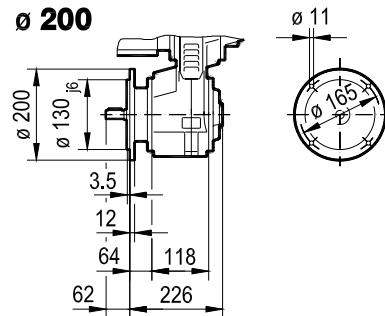
VZF01 ..

 $\varnothing 160$ 

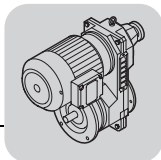
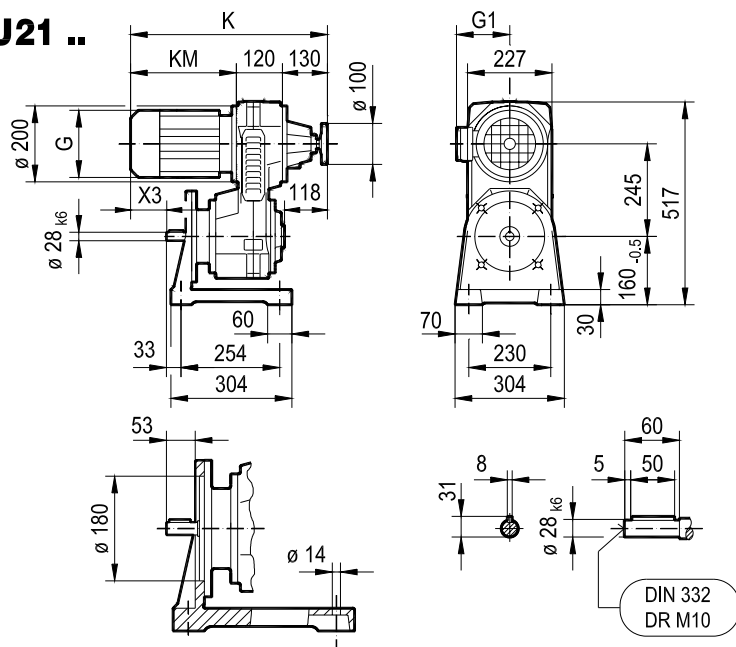
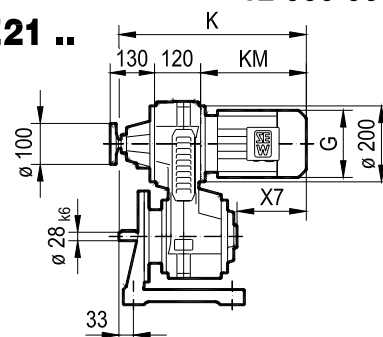
(→ 151)		G	G1	K	KM	X3	X7	Z6
VU01 VUF01	DR63..	132	105	370	192	31.5	-	107
	DT71D	145	122	380	202	41.5	-	107
	DT80..	145	122	430	252	91.5	-	107
VZ01 VZF01	DR63..	132	105	360	192	-	100	114
	DT71D	145	122	370	202	-	110	114
	DT80..	145	122	420	252	-	160	114

**VU11 ..****VZ11 ..**

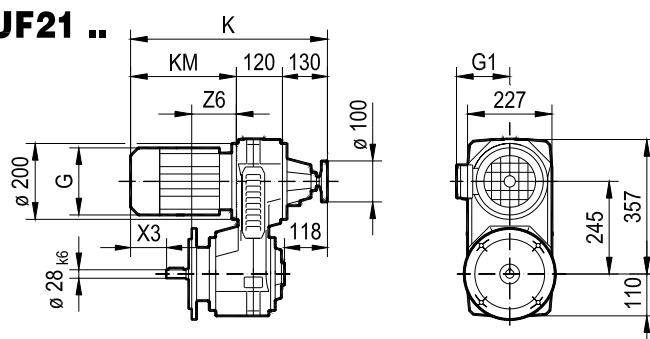
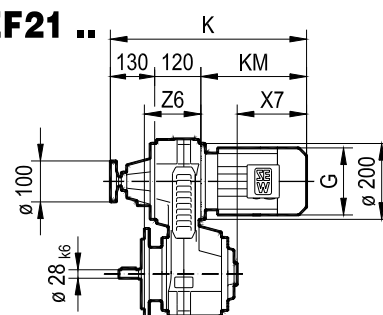
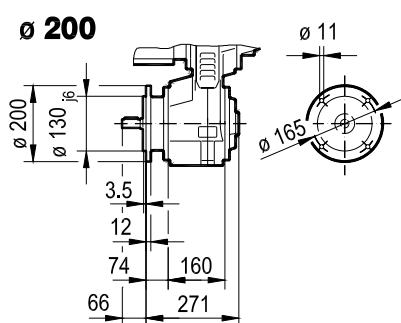
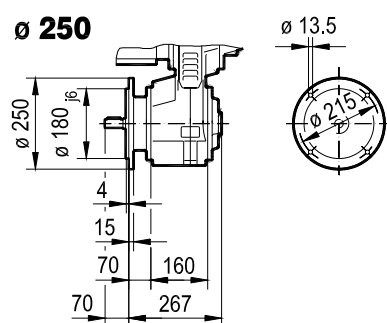
12 008 001

VUF11 ..**VZF11 ..****ø 160****ø 200**

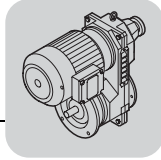
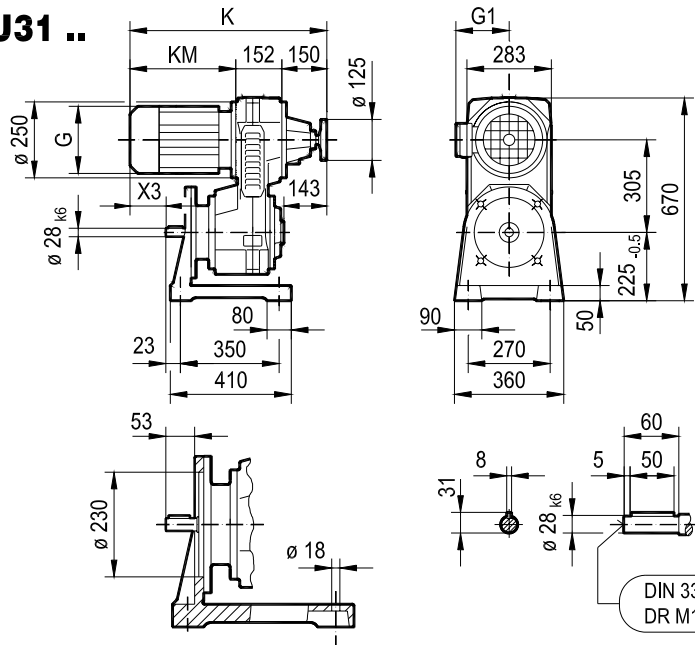
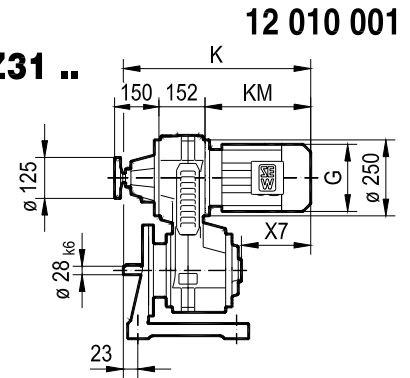
(→ 151)		G	G1	K	KM	X3	X7	Z6	
								ø 160	ø 200
VU11	DT80..	145	122	467	252	81	-	115	109
VUF11	DT90..	197	154	488	273	102	-	115	109
VZ11	DT80..	145	122	451	252	-	163	143	137
VZF11	DT90..	197	154	472	273	-	184	143	137

**VU21 ..****VZ21 ..**

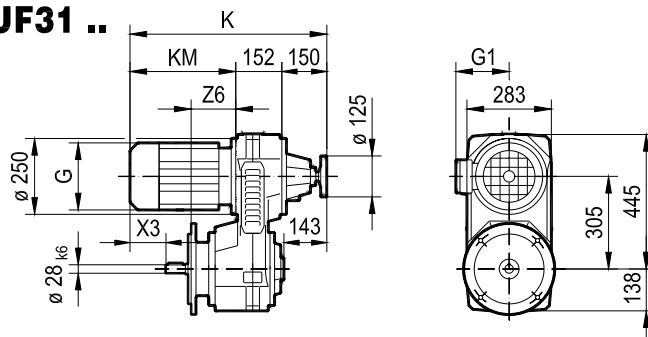
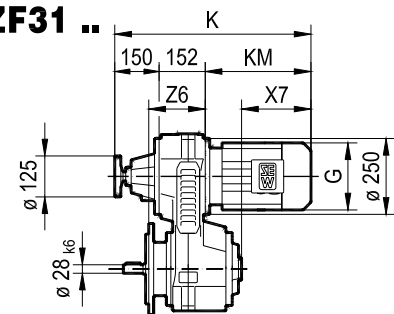
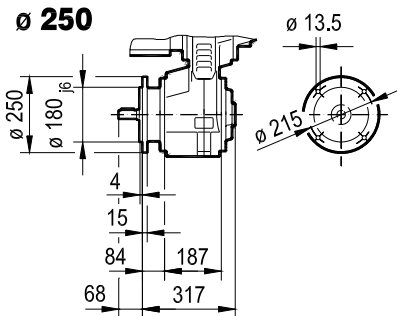
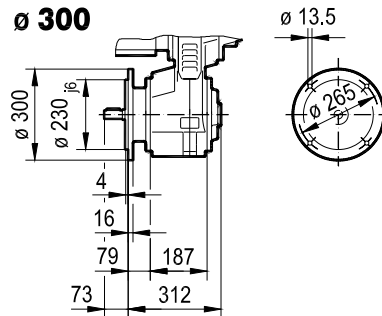
12 009 001

VUF21 ..**VZF21 ..** **$\phi 200$**  **$\phi 250$** 

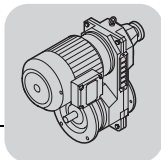
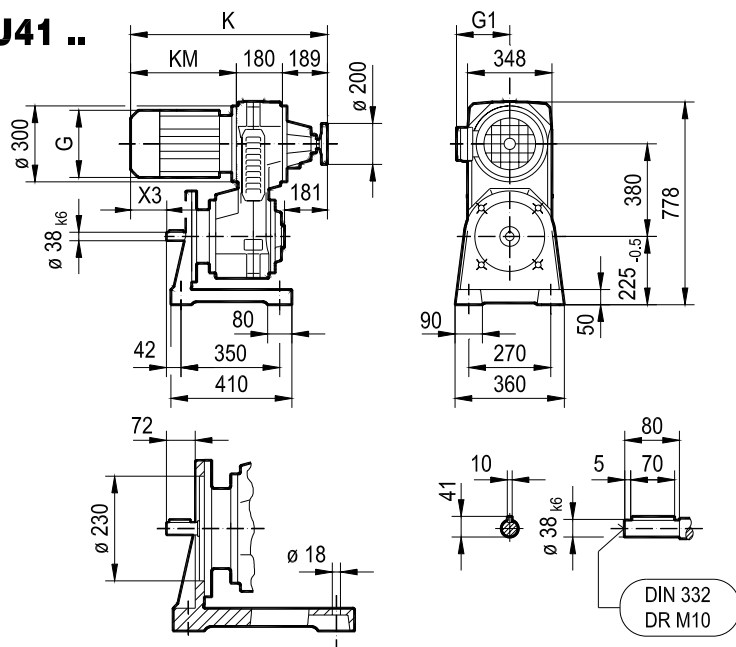
(→ 151)		G	G1	K	KM	X3	X7	Z6	
								$\phi 200$	$\phi 250$
VU21 VUF21	DT90..	197	154	523	273	68	-	139	135
	DV100M	197	166	561	311	106	-	139	135
	DV100L	197	166	591	341	136	-	139	135
VZ21 VZF21	DT90..	197	154	508	273	-	171	169	165
	DV100M	197	166	546	311	-	209	169	165
	DV100L	197	166	576	341	-	239	169	165

**VU31 ..****VZ31 ..**

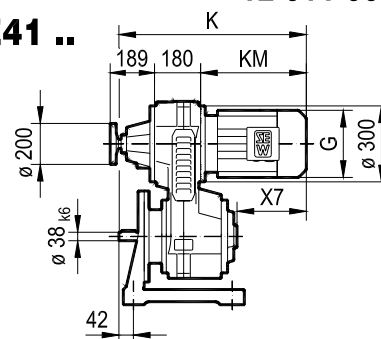
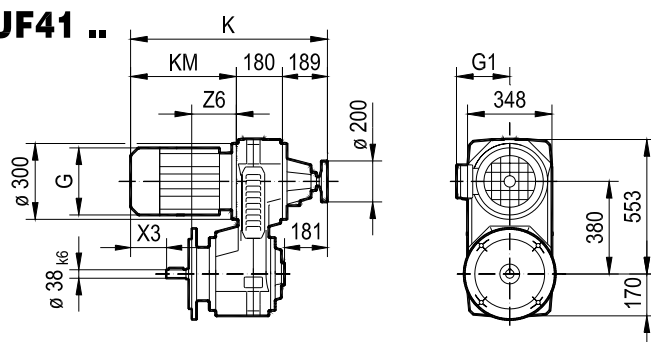
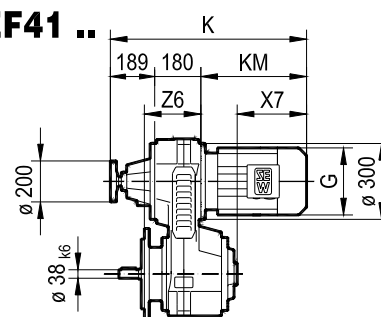
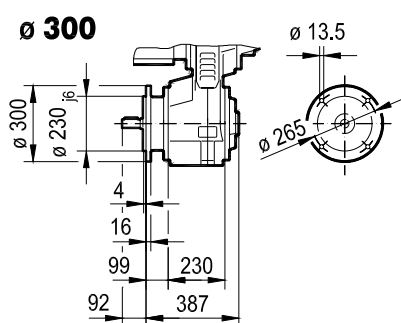
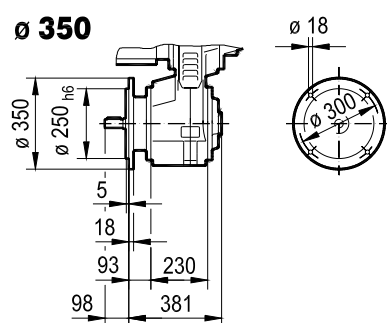
12 010 001

VUF31 ..**VZF31 ..** **$\phi 250$**  **$\phi 300$** 

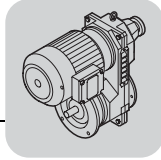
(→ 151)		G	G1	K	KM	X3	X7	Z6	
								$\phi 250$	$\phi 300$
VU31	DV112M	221	179	651	349	123	-	158	153
VUF31	DV132S	221	179	696	394	168	-	158	153
VZ31	DV112M	221	179	614	349	-	229	197	192
VZF31	DV132S	221	179	659	394	-	274	197	192

**VU41 ..****VZ41 ..**

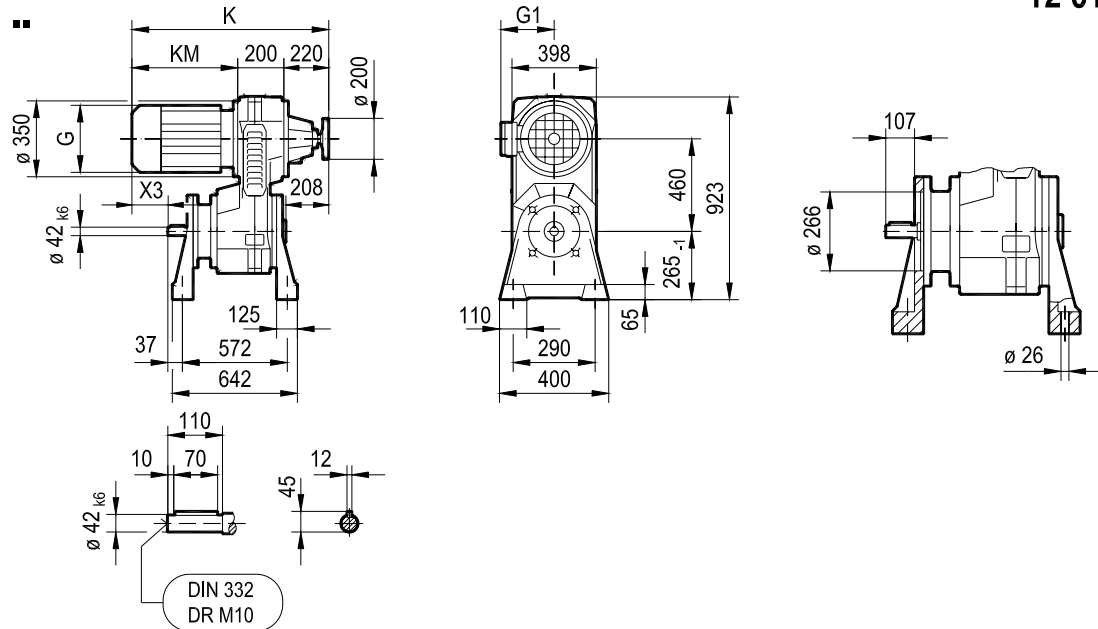
12 011 001

**VUF41 ..****VZF41 ..** **$\varnothing 300$**  **$\varnothing 350$** 

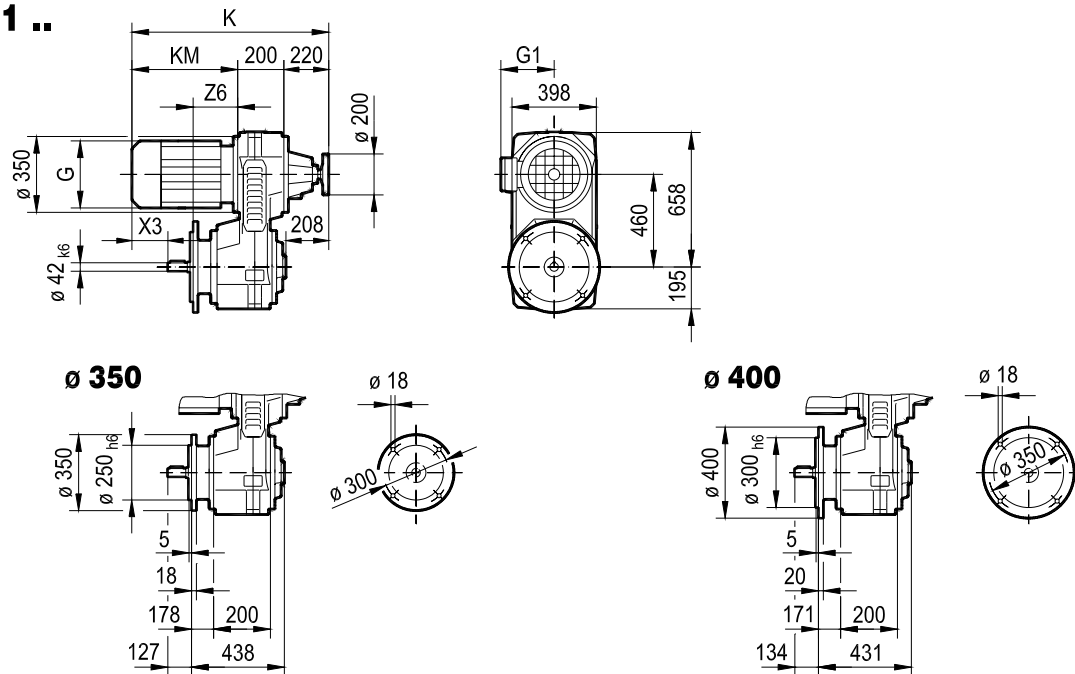
(→ 151)		G	G1	K	KM	X3	X7	Z6	
								$\varnothing 300$	$\varnothing 350$
VU41 VUF41	DV132M	275	230	771	402	111	-	199	193
	DV132ML	275	230	831	462	171	-	199	193
	DV160M	275	230	831	462	171	-	199	193
VZ41 VZF41	DV132M	275	230	723	402	-	244	229	223
	DV132ML	275	230	783	462	-	304	229	223
	DV160M	275	230	783	462	-	304	229	223



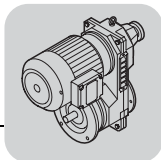
12 012 001

VU51 ..

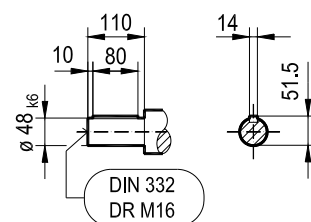
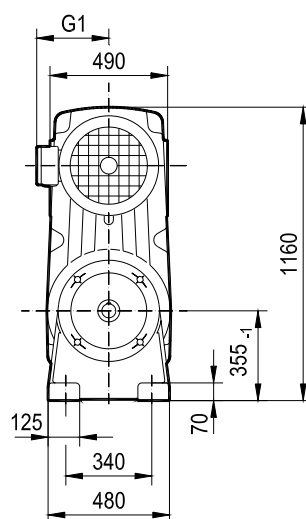
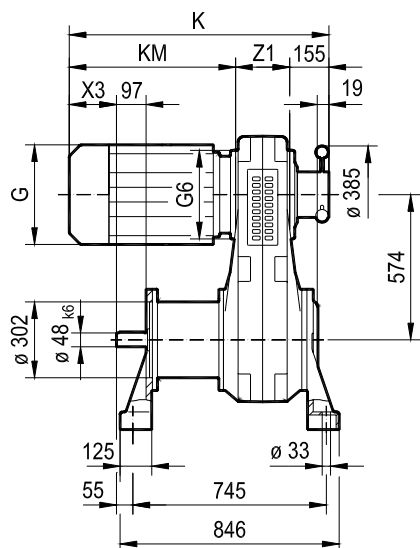
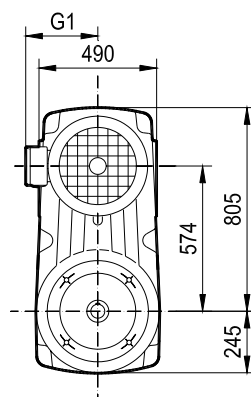
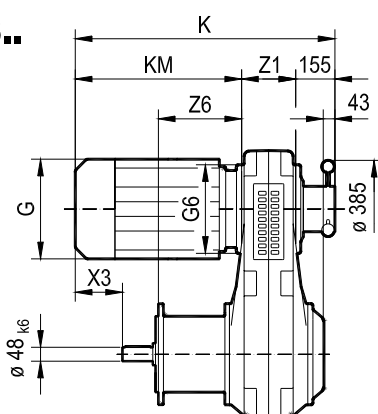
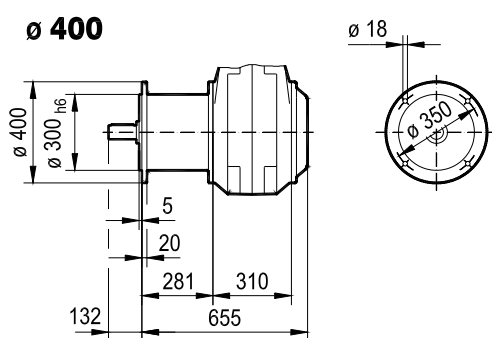
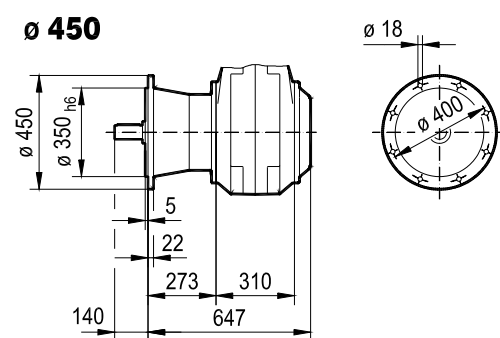
8

VUF51 ..

(→ 151)		G	G1	K	KM	X3	Z6	
							ø 350	ø 400
VU51	DV160L	331	259	923	503	150	226	219
VUF51	DV180..	331	253	995	575	222	226	219



12 013 001

VU6..**VUF6..****ø 400****ø 450**

(→ 151)		G	G1	G6	K	KM	X3	Z1	Z6	
									ø 400	ø 450
VU6	DV200..	394	285	350	992	623	162	214	329	321
VUF6	DV225..	394	285	450	1094	690	264	249	294	286