

14 Technical Data and Dimension Sheets for MOVIMOT®

14.1 Available MOVIMOT® motor combinations

14.1.1 Motor identification for MOVIMOT® (/MI)

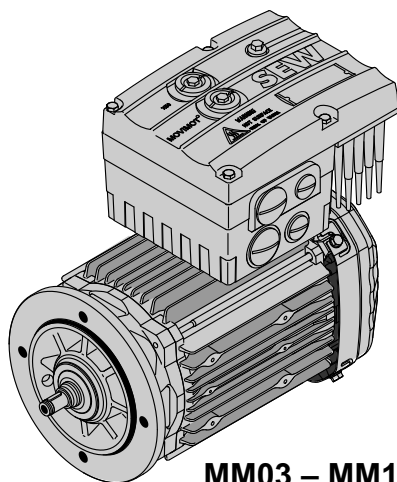
Each MOVIMOT® contains a motor identification module (DIM) for easy and fast startup. The DIM is included in the scope of delivery of the MOVIMOT® motor or MOVIMOT® gearmotor.

If a DR. motor / brakemotor is ordered without MOVIMOT®, a DIM can be supplied for the DR. motor according to its energy efficiency class. The DIM is attached in the standard terminal box of the DR. motor or DR...BE brakemotor. In the type designation of the DR. motor / brakemotor, the DIM is indicated by /MI.

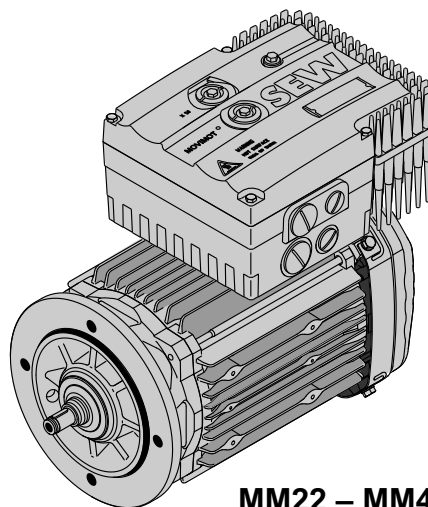
*Assignment of the
Drive-ID module*

Type	Motor		Drive-ID module		
	Line voltage [V]	Line frequency [Hz]	Label	ID color	Part number
DRS	230 / 400	50	DRS/400/50	White	1 821 437 1
DRE	230 / 400	50	DRE/400/50	Orange	1 821 439 8
DRS	266 / 460	60	DRS/460/60	Yellow	1 821 440 1
DRE	266 / 460	60	DRE/460/60	Green	1 821 442 8
DRS / DRE	220 / 380	60	DRS/DRE/380/60	Red	1 823 493 3
DRS / DRE	220 – 240 / 380 – 415	50	DRS/DRE50/60	Violet	1 821 444 4
	254 – 277 / 440 – 480	60			
DRP	230 / 400	50	DRP/230/400	Brown	1 821 790 7
DRP	266 / 460	60	DRP/266/460	Beige	1 821 791 5
DRE...J	230 / 400	50	DRE...J/400/50	Pure orange	2 820 318 6
DRU...J	230 / 400	50	DRU...J/400/50	Mouse gray	2 820 319 4

14.1.2 MOVIMOT® drives with DRE motors



MM03 – MM15



MM22 – MM40

1409434251

280 – 1400 rpm $\curvearrowright$ 3 x 380 – 500 V (400 V) IEC or c  US

Type	P _n [kW]	M _n [Nm]	M _a /M _n f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ¹⁾ [kg]	m ²⁾ [kg]
							Without brake	With brake			
DRE80S4 /../MM03	0.37	2.52	1.5	1400	1.3	0.99	14.9	16.4	5	12.7	15.7
DRE80M4 /../MM05	0.55	3.75	1.5	1400	1.6	0.99	21.5	23	10	15.5	18.5
DRE80M4 /../MM07	0.75	5.1	1.5	1400	1.9	0.99	21.5	23	10	15.5	18.5
DRE90M4 /../MM11	1.1	7.5	1.5	1400	2.4	0.99	35.5	40	20	19.6	24.2
DRE90L4 /../MM15	1.5	10.2	1.5	1400	3.5	0.99	43.5	48.5	20	22.6	27.2
DRE100M4 /../MM22	2.2	15	1.5	1400	5.0	0.99	56	62	28	28.3	34.2
DRE100LC4 /../MM30	3.0	20.5	1.5	1400	6.7	0.99	90	96	40	33.5	39.4
DRE132S4 /../MM40	4.0	27.3	1.5	1400	7.3	0.99	190	195	55	49.2	56.4

290 – 2900 rpm $\triangle$ 3 x 380 – 500 V (400 V)

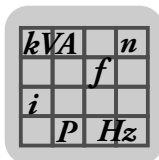
IEC or c  US

Type	P _n [kW]	M _n [Nm]	M _a /M _n f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ¹⁾ [kg]	m ²⁾ [kg]
							Without brake	With brake			
DRE80S4 /../MM03	0.37	1.22	1.5	2900	1.3	0.99	14.9	16.4	5	12.7	15.7
DRE80S4 /../MM05	0.55	1.81	1.5	2900	1.6	0.99	14.9	16.4	5	12.7	15.7
DRE80M4 /../MM07	0.75	2.47	1.5	2900	1.9	0.99	21.5	23	10	15.5	18.5
DRE80M4 /../MM11	1.1	3.62	1.5	2900	2.4	0.99	21.5	23	10	15.5	18.5
DRE90M4 /../MM15	1.5	4.95	1.6	2900	3.5	0.99	35.5	40	20	19.6	24.2
DRE90L4 /../MM22	2.2	7.25	1.6	2900	5.0	0.99	43.5	48.5	20	23.7	28.2
DRE100M4 /../MM30	3.0	9.9	1.6	2900	6.7	0.99	56	62	28	28.3	34.2
DRE100LC4 /../MM40	4.0	13.2	1.6	2900	7.3	0.99	90	96	40	34.1	40.0

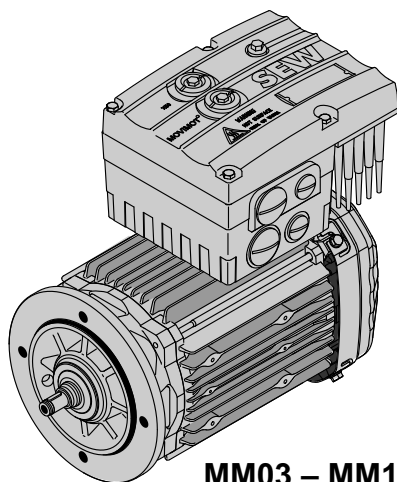
1) Mass of motor without brake

2) Mass of motor with brake

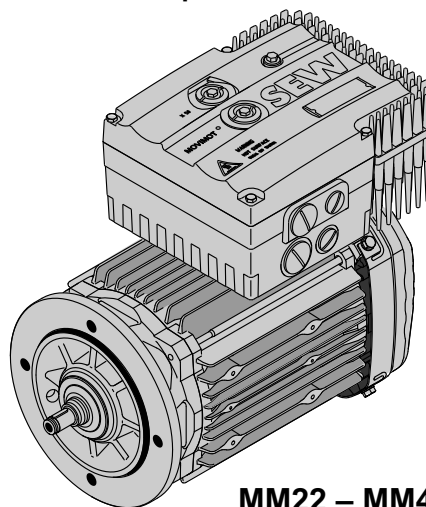
Thermal classification F as standard



14.1.3 MOVIMOT® drives with DRE motors and increased short-term torque



MM03 – MM15



MM22 – MM40

1409434251

280 – 1400 rpm $\curvearrowright$ 3 x 380 – 500 V (400 V) IEC or c  US

Type	P _n [kW]	M _n [Nm]	M _a /M _n f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ¹⁾ [kg]	m ²⁾ [kg]
							Without brake	With brake			
DRE80S4 /.../MM05	0.37	2.52	2.1	1400	1.3	0.99	14.9	16.4	5	12.7	15.7
DRE80M4 /.../MM07	0.55	3.75	2.1	1400	1.6	0.99	21.5	23	10	15.5	18.5
DRE80M4 /.../MM11	0.75	5.1	2.1	1400	1.9	0.99	21.5	23	10	15.5	18.5
DRE90M4 /.../MM15	1.1	7.5	2.1	1400	2.4	0.99	35.5	40	20	19.6	24.2
DRE90L4 /.../MM22	1.5	10.2	2.1	1400	3.5	0.99	43.5	48.5	20	23.7	28.3
DRE100M4 /.../MM30	2.2	15.0	2.1	1400	5.0	0.99	56	62	28	28.3	34.2
DRE100LC4 /.../MM40	3.0	20.5	2.1	1400	6.7	0.99	90	96	40	34.1	40.0

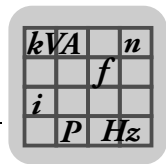
290 – 2900 rpm $\triangle$ 3 x 380 – 500 V (400 V) IEC or c  US

Type	P _n [kW]	M _n [Nm]	M _a /M _n f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ¹⁾ [kg]	m ²⁾ [kg]
							Without brake	With brake			
DRE80S4 /.../MM05	0.37	1.22	2.2	2900	1.3	0.99	14.9	16.4	5	12.7	15.7
DRE80S4 /.../MM07	0.55	1.81	2.2	2900	1.6	0.99	14.9	16.4	5	12.7	15.7
DRE80M4 /.../MM11	0.75	2.47	2.2	2900	1.9	0.99	21.5	23	10	15.5	18.5
DRE80M4 /.../MM15	1.1	3.62	2.2	2900	2.4	0.99	21.5	23	10	15.5	18.5
DRE90M4 /.../MM22	1.5	4.95	2.2	2900	3.5	0.99	35.5	40	20	20.7	25.3
DRE90L4 /.../MM30	2.2	7.25	2.2	2900	5.0	0.99	43.5	48.5	20	23.7	28.3
DRE100M4 /.../MM40	3.0	9.9	2.2	2900	6.7	0.99	56	62	28	28.9	34.8

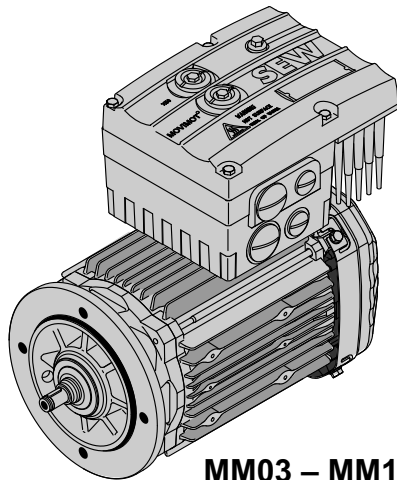
1) Mass of motor without brake

2) Mass of motor with brake

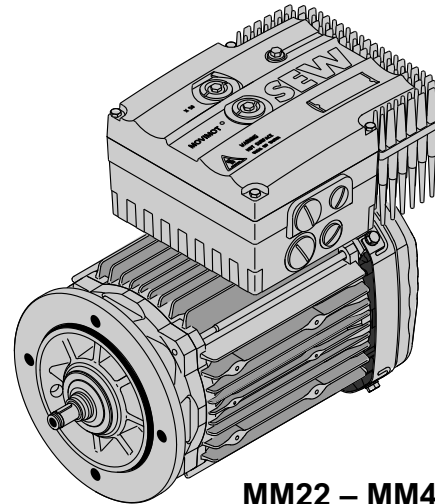
Thermal classification F as standard



14.1.4 MOVIMOT® drives with DRS motors



MM03 – MM15



MM22 – MM40

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280 – 1400 rpm $\curvearrowright$ 3 x 380 – 500 V (400 V) IEC or c US

Type	P _n [kW]	M _n [Nm]	M _a /M _n f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ¹⁾ [kg]	m ²⁾ [kg]
							Without brake	With brake			
DRS71S4 /../MM03	0.37	2.52	1.5	1400	1.3	0.99	4.9	6.2	5	9.0	11.4
DRS71M4 /../MM05	0.55	3.75	1.5	1400	1.6	0.99	7.1	8.4	10	10.3	12.9
DRS80S4 /../MM07	0.75	5.1	1.5	1400	1.9	0.99	14.9	16.4	10	12.7	15.7
DRS80M4 /../MM11	1.1	7.5	1.5	1400	2.4	0.99	21.5	26	14	15.5	19.2
DRS90M4 /../MM15	1.5	10.2	1.5	1400	3.5	0.99	35.5	40	20	19.6	24.2
DRS90L4 /../MM22	2.2	15.0	1.5	1400	5.0	0.99	43.5	49.5	40	23.7	29.6
DRS100M4 /../MM30	3.0	20.5	1.5	1400	6.7	0.99	56	62	40	28.3	34.2
DRS100LC4 /../MM40	4.0	27.3	1.5	1400	7.3	0.99	90	96	50	34.1	40.0

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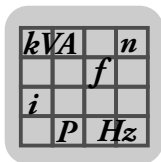
290 – 2900 rpm $\triangle$ 3 x 380 – 500 V (400 V) IEC or c US

Type	P _n [kW]	M _n [Nm]	M _a /M _n f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ¹⁾ [kg]	m ²⁾ [kg]
							Without brake	With brake			
DRS71S4 /../MM05	0.55	1.81	2.0	2900	1.6	0.99	4.9	6.2	5	9.0	11.4
DRS71M4 /../MM07	0.75	2.47	2.0	2900	1.9	0.99	7.1	8.4	10	10.3	12.9
DRS80S4 /../MM11	1.1	3.62	2.0	2900	2.4	0.99	14.9	16.4	10	12.7	15.7
DRS80M4 /../MM15	1.5	4.95	1.6	2900	3.5	0.99	21.5	26	14	15.5	19.2
DRS90M4 /../MM22	2.2	7.25	1.6	2900	5.0	0.99	35.5	40	20	20.7	25.3
DRS90L4 /../MM30	3.0	9.9	1.6	2900	6.7	0.99	43.5	49.5	40	23.7	29.6
DRS100M4 /../MM40	4.0	13.2	1.6	2900	7.3	0.99	56	62	40	28.9	34.8

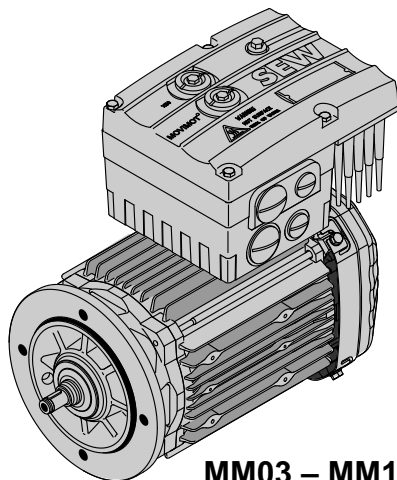
1) Mass of motor without brake

2) Mass of motor with brake

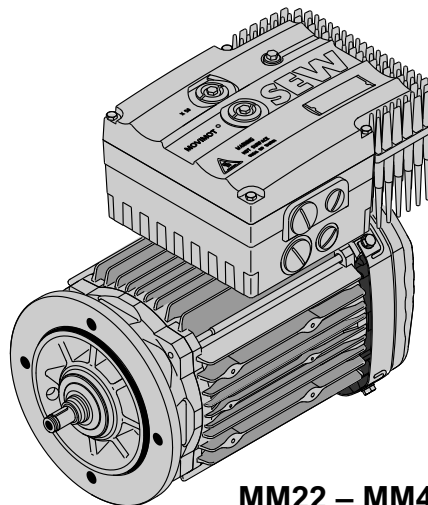
Thermal classification F as standard



14.1.5 MOVIMOT® drives with DRS motors and increased short-term torque



MM03 – MM15



MM22 – MM40

1409434251

280 – 1400 rpm $\triangle$ 3 x 380 – 500 V (400 V) IEC or c  US

Type	P _n [kW]	M _n [Nm]	M _a /M _n ¹⁾ f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ²⁾ [kg]	m ³⁾ [kg]
							Without brake	With brake			
DRS71S4 /.../MM05	0.37	2.52	2.1	1400	1.3	0.99	4.9	6.2	5	9.0	11.4
DRS71M4 /.../MM07	0.55	3.75	2.1	1400	1.6	0.99	7.1	8.4	10	10.3	12.9
DRS80S4 /.../MM11	0.75	5.1	2.1	1400	1.9	0.99	14.9	16.4	10	12.7	15.7
DRS80M4 /.../MM15	1.1	7.5	2.1	1400	2.4	0.99	21.5	26	14	15.5	19.2
DRS90M4 /.../MM22	1.5	10.2	2.1	1400	3.5	0.99	35.5	40	20	20.7	25.3
DRS90L4 /.../MM30	2.2	15.0	2.1	1400	5.0	0.99	43.5	49.5	40	23.7	29.6
DRS100M4 /.../MM40	3.0	20.5	2.0	1400	6.7	0.99	56	62	40	28.9	34.8

290 – 2  $\triangle$ 3 x 380 – 500 V (400 V)
IEC or c  US

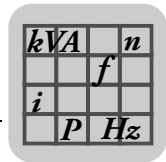
Type	P _n [kW]	M _n [Nm]	M _a /M _n ¹⁾ f > 5 Hz	n _n [rpm]	I _{n1} [A]	cosφ	J _{mot} [10 ⁻⁴ kgm ²]		M _{Bmax} [Nm]	m ²⁾ [kg]	m ³⁾ [kg]
							Without brake	With brake			
DRS71S4 /.../MM07	0.55	1.81	2.4	2900	1.6	0.99	4.9	6.2	5	9.0	11.4
DRS71M4 /.../MM11	0.75	2.47	2.4	2900	1.9	0.99	7.1	8.4	10	10.3	12.9
DRS80S4 /.../MM15	1.1	3.62	2.4	2900	2.4	0.99	14.9	16.4	10	12.7	15.7
DRS80M4 /.../MM22	1.5	4.95	2.2	2900	3.5	0.99	21.5	26	14	16.6	20.3
DRS90M4 /.../MM30	2.2	7.25	2.2	2900	5.0	0.99	35.5	40	20	20.7	25.3
DRS90L4 /.../MM40	3.0	9.9	2.0	2900	6.7	0.99	43.5	49.5	40	24.3	30.2

1) Increased short-term torque in S3 operation, 25 % cdf

2) Mass of motor without brake

3) Mass of motor with brake

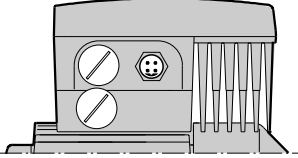
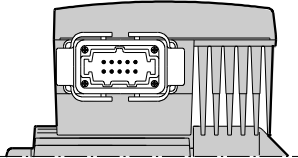
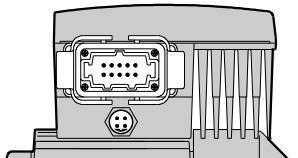
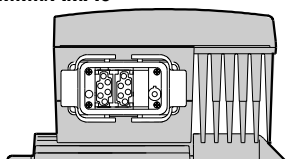
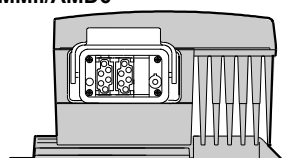
Thermal classification F as standard

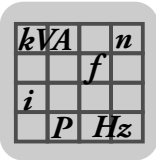


14.2 Connection technology

14.2.1 Overview of connection technology MOVIMOT® standard design

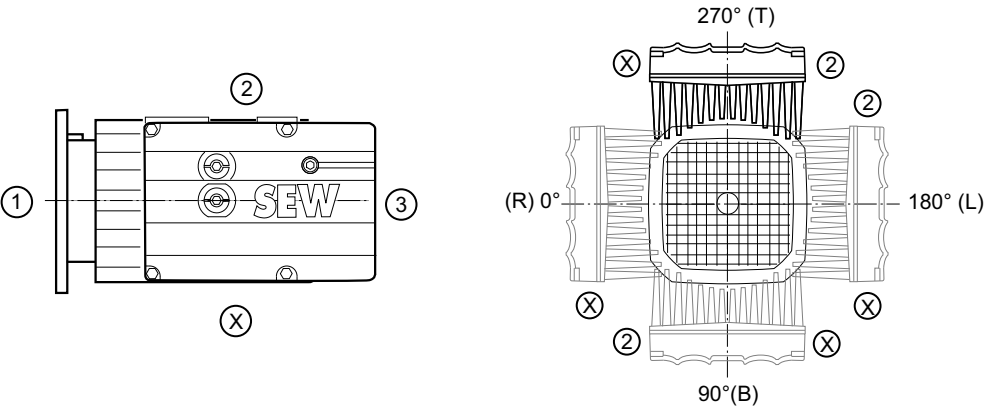
MOVIMOT® MM...D is supplied without plug connector if not specified otherwise in the order. The following table shows the available plug connector variants:

Order designation	Function	Manufacturer designation
MM../AVT1 	RS485	Round plug connector M12 x 1
MM../ASA3 	Power	Harting Han® 10 ES pin element (built-on housing with 2 clips)
MM../ASA3/AVT1 	- Power - RS485	Harting Han® 10 ES pin element (built-on housing with 2 clips) + Round plug connector M12 x 1
MM../AMA6 	Power/RS485	Harting HAN Modular® pin element (built-on housing with 2 clips)
MM../AMD6 	Power/RS485	Harting HAN Modular® pin element (built-on housing with 1 clip)



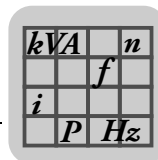
Available plug connector positions
(MOVIMOT® standard design)

The following positions are possible for plug connectors:



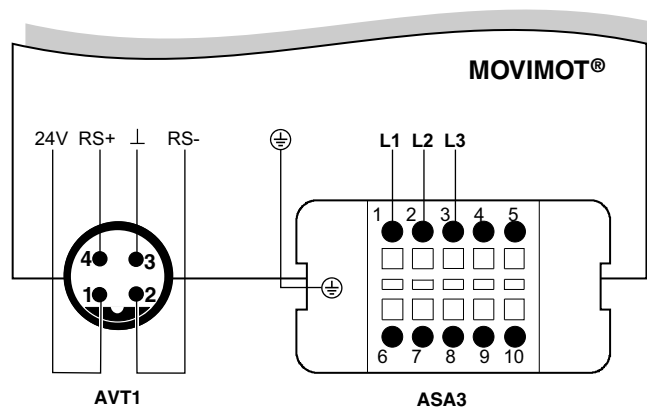
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Plug connector	Possible positions
AVT1	X (standard)
	2
ASA3	X (standard)
	2
ASA3/AVT1	ASA3 = X (standard) + AVT1 = X (standard)
	ASA3 = 2 + AVT1 = 2
AMA6 AMD6	X (standard)
	2



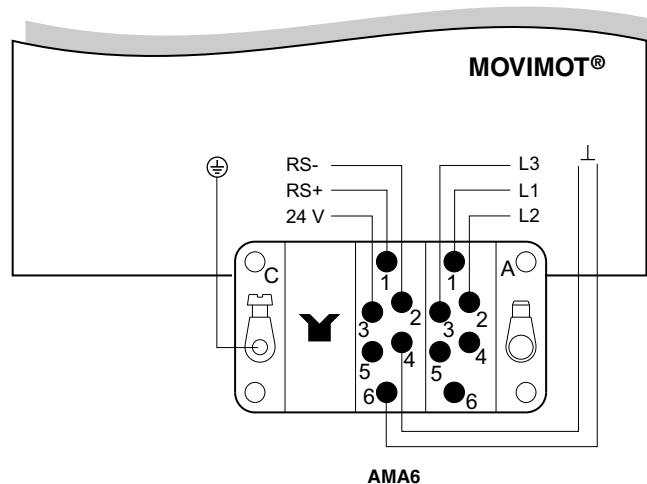
*Plug connector
assignment*

AVT1, ASA3 plug
connectors:

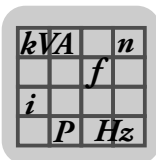


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AMA6, AMD6 plug
connectors:

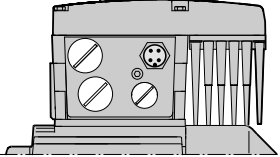
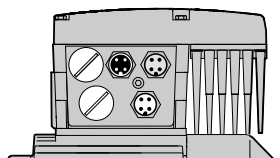
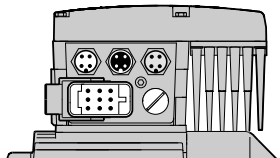
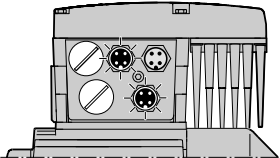
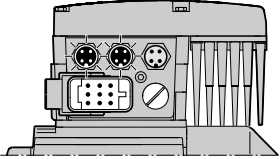


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14.2.2 Overview of connection technology – MOVIMOT® with integrated AS-Interface

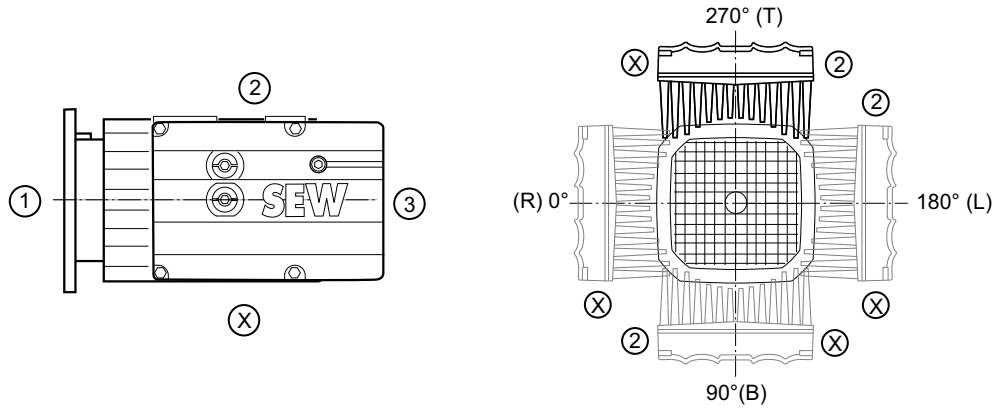
MOVIMOT® MM..D with integrated AS-Interface is supplied with AVSK plug connector (for AS-Interface) if not specified otherwise in the order. The following table shows the available plug connector variants:

Order designation	Function	Manufacturer designation
MM../AVSK 	AS-Interface	1 x M12 x 1 round plug connector
MM../AZSK 	- AS-Interface - AUX PWR - Sensor connection	3 x M12 x 1 round plug connector
MM../AND3/AZSK 	- Power - AS-Interface - AUX PWR - Sensor connection	Harting Han® Q8/0 pin element (built-on housing with one clip) + 3 x M12 x 1 round plug connector
MM../AZZK 	- AS-Interface / AUX-PWR - Sensor connection - Sensor connection	3 x M12 x 1 round plug connector
MM../AND3/AZZK 	- Power - AS-Interface / AUX-PWR - Sensor connection - Sensor connection	Harting Han® Q8/0 pin element (built-on housing with one clip) + 3 x M12 x 1 round plug connector

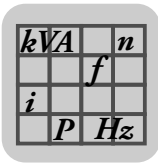
kVA	n
f	
i	
P	H_z

Possible plug connector positions
(MOVIMOT® with
integrated AS-
Interface)

Positions "X" or "2" are possible for plug connectors. The plug connectors are always located on one connection side. Combined plug connector positions are not possible.



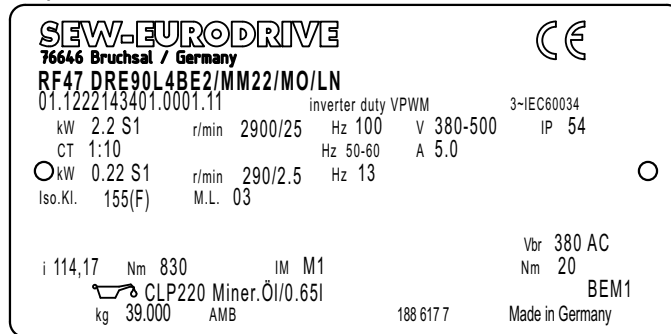
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14.3 Sample type designation

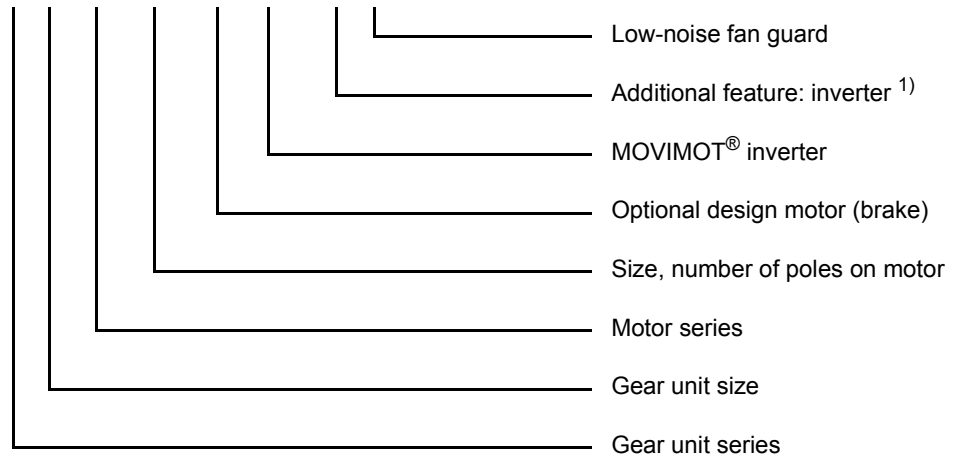
14.3.1 Standard variant

The type designation of the MOVIMOT® gearmotor starts from the component on the output end.

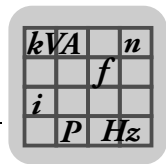


9007200711173131

RF 47 DRE 90L4 BE2/MM22/MO/LN

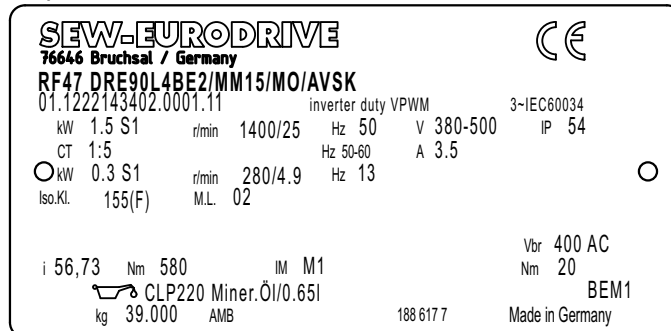


1) The nameplate only displays options installed at the factory.



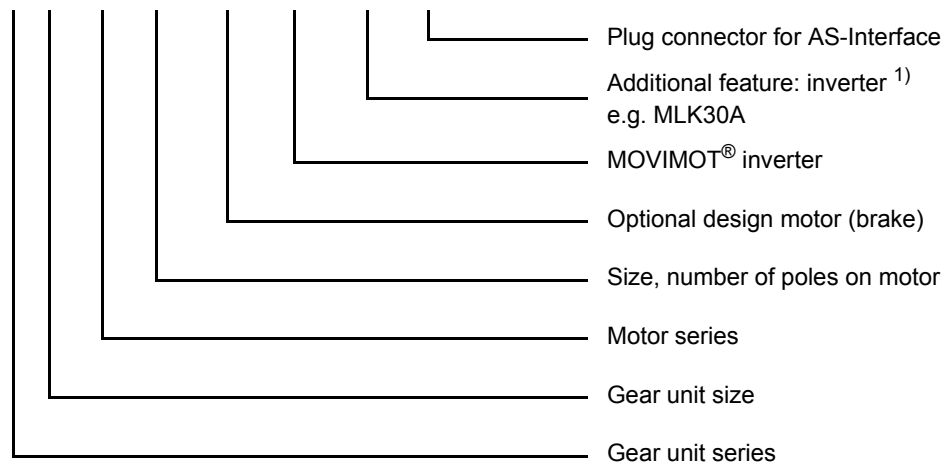
14.3.2 MOVIMOT® with integrated AS-Interface

The type designation of the MOVIMOT® gearmotor starts from the component on the output end.

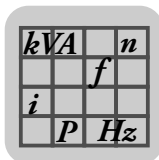


9007200940565643

RF 47 DRE 90L4 BE2/MM15/MO/AVSK



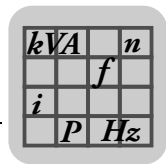
1) The nameplate only displays options installed at the factory.



14.4 Options

The following tables show the options for MOVIMOT® MM..D.

Option	Figure	Description
DC 24 V supply MLU11A (Input voltage AC 380 – 500 V) Part number: 0 823 383 7 MLU21A (Input voltage AC 200 – 240 V) Part number: 0 823 387 X		The MLU.1A option is mounted in a cable gland of MOVIMOT® and offers the opportunity to operate one MOVIMOT® including one option with a current consumption of max. 70 mA (MBG11A, MWA21A) without external 24 V auxiliary power supply.
Setpoint adjuster with DC 24 V supply MLG11A (Input voltage AC 380 – 500 V) Part number: 0 823 384 5 MLG21A (Input voltage AC 200 – 240 V) Part number: 0 823 388 8		The MLG.1A option is mounted in a cable gland of MOVIMOT® and lets you adjust the input speed in the –100% to +100% f_{max} range (potentiometer f1) and power the inverter using the DC 24 V auxiliary voltage.
MBG11A setpoint adjuster Part number: 0 822 547 8		The MBG11A setpoint adjuster has 2 keys and a display. They allow for remote speed control in the range of –100% – +100% f_{max} (potentiometer f1). Up to 31 MOVIMOT® units can be controlled at the same time (broadcasting).
MWA21A setpoint converter Part number: 0 823 006 4		The MWA21A setpoint converter converts an analog setpoint and control signals into an RS485 protocol. This conversion allows for remote control of the MOVIMOT® from the control cabinet. Up to 31 MOVIMOT® units can be controlled at the same time (broadcasting).



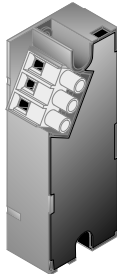
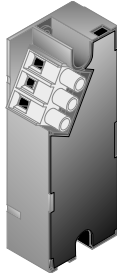
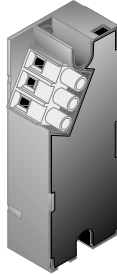
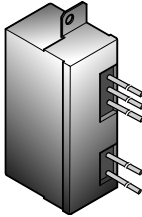
14.4.1 Options integrated in terminal box

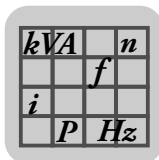


INFORMATION

The following table shows the options for MOVIMOT® MM..D that are installed in the connection box:

- The options BEM, BES, URM, MLU13A and MNF21A are integrated in the MOVIMOT® terminal box.
- The MLU13A and MNF21A options can only be ordered in combination with the modular terminal box.
- The modular terminal box is assigned depending on the ordered option and the MOVIMOT® size.

Option	Figure	Description
BEM brake control Part number: 0 829 611 1		The BEM brake rectifier can be used with MOVIMOT® MM..D for controlling the brake (see also the MOVIMOT® operating instructions). The brake is controlled by means of parameter setting or activating additional function 7 or 9. The BEM brake controller implements fast release and application of the mechanical brake. Important: The brake coil must correspond to the connection voltage.
BES brake control Part number: 0 829 847 5		The BES brake rectifier can be used with MOVIMOT® MM..D for controlling a non-series DC 24 V brake (see also the MOVIMOT® operating instructions). The brake is controlled by means of parameter setting or activating additional function 7 or 9. The BES brake controller implements normal release and fast application of the mechanical brake. Important: The brake coil must be designed as DC 24 V coil.
URM voltage relay Part number: 0 827 601 3		The URM voltage relay ensures rapid application of the mechanical brake. Important: The brake coil must correspond to the MOVIMOT® standard (AC 120 V or 230 V).
Internal DC 24 V voltage supply MLU13A Part number: 1 820 596 8		The MLU13A option is integrated in the terminal box of MOVIMOT® and allows for operating a MOVIMOT® unit including one option with a maximum current consumption of 70 mA (MBG11A, MWA21A) without external 24 V auxiliary voltage. The option is installed in the modular terminal box as standard. Note that the height of the terminal box is higher for MOVIMOT® MM03 to MM15 by 18 mm.



Option	Figure	Description
MNF21A internal line filter Part number: 0 804 265 9		The MNF21A option is integrated in the terminal box of MOVIMOT® (MM03 – MM15) and allows for implementing a drive system that complies with category C1 according to EN 61800-3 with respect to interference emission. The option requires the modular terminal box with increased dimensions. Note that the height of the terminal box is higher for MOVIMOT® MM03 to MM15 by 18 mm .

14.4.2 Braking resistors

Assignment of internal braking resistors

The following table shows the assignments of internal braking resistors to MOVIMOT®.

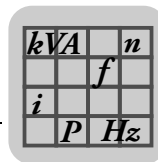
MOVIMOT® type	Braking resistor	Part number
MM03D-503-00 – MM15D-503-00 MM03D-233-00 – MM07D-233-00	BW1	0 822 897 3 ¹⁾
MM22D-503-00 – MM40D-503-00 MM11D-233-00 – MM22D-233-00	BW2	0 823 136 2 ¹⁾

1) Two screws M4 x 8, included in scope of delivery

Assignment of external braking resistors

The following table shows the assignments of external braking resistors to MOVIMOT®.

MOVIMOT® type	Braking resistor	Part number	Protective grid
MM03D-503-00 – MM15D-503-00 MM03D-233-00 – MM07D-233-00	BW200-003/K-1.5	0 828 291 9	0 813 152 X
	BW200-005/K-1.5	0 828 283 8	–
	BW150-006/T	1 796 956 5	–
MM22D-503-00 – MM40D-503-00 MM11D-233-00 – MM22D-233-00	BW100-003/K-1.5	0 828 293 5	0 813 152 X
	BW100-005/K-1.5	0 828 286 2	–
	BW068-006/T	1 797 000 8	–
	BW068-012/T	1 797 001 6	–



14.4.3 Options for Diagnostics, Startup and Manual Operation



INFORMATION

This section provides an overview of options regarding diagnostics, startup and manual operation for decentralized components from SEW-EURODRIVE.

For additional information on the functionality, refer to the MOVIMOT®, MOVIFIT® operating instructions, or to the manuals for the fieldbus interfaces and field distributors.



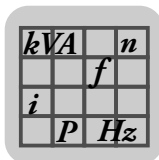
INFORMATION

This section provides an overview of options regarding diagnostics, startup and manual operation for decentralized components from SEW-EURODRIVE.

For additional information on the functionality, refer to the MOVIMOT®, MOVIFIT® operating instructions, or to the manuals for the fieldbus interfaces and field distributors.

Overview

Option	Description	Type	Part number	Compatible with
Operator device	The MFG11A operator device is plugged onto a MFZ.. connection module (not included in the scope of delivery) instead of a fieldbus interface for manual control of a MOVIMOT® drive.	MFG11A 	823 559 7	- Field distributors - MFZ.. connection module (not included in scope of delivery)
Operator device	Features: - Illuminated text display, range of languages - Keypad with 21 keys - Can be connected via extension cable DKG60B (5 m) - Degree of protection IP40 (EN 60529) Functions (examples): - Visualization of process values and status displays - Representation of process output and input data - Indicates error status and error reset - Manual control and operation - Status displays of binary inputs/outputs - Parameters can be displayed and set - Data backup and transfer of parameter sets	DBG60B-01 (DE/EN/FR/IT/ES/PT/NL) DBG60B-02 (DE/EN/FR/FI/SV/DA/TR) DBG60B-03 (DE/EN/FR/RU/PL/CS) DBG60B-04 (DE/EN/FR/ZH) 	1 820 403 1 1 820 405 8 1 820 406 6 1 820 850 9	- MOVIMOT® - MOVIFIT® - Fieldbus interfaces MF../MQ..
Extension cable	Extension cable for DBG60B (length 5 m)	DKG60B	0 817 583 7	DBG60B



Technical Data and Dimension Sheets for MOVIMOT®

Options

Option	Description	Type	Part number	Compatible with
Interface adapter RS232 to RS485	The UWS21B option converts RS232 signals, for example from the PC, into RS485 signals. These RS485 signals can then be transmitted to the diagnostic interface of MOVIFIT®, MOVIMOT® with integrated AS-Interface or MF../MQ.. fieldbus interfaces. Scope of delivery: • UWS21B • Serial interface cable with 9-pin D-sub socket and 9-pin D-sub connector for the UWS21B – PC connection. • Serial interface cable with 2 RJ10 plugs for connection of MOVIFIT®, MOVIMOT® or MF../MQ.. fieldbus interfaces • CD-ROM with MOVITOOLS® MotionStudio	UWS21B 	1 820 456 2	• MOVIMOT® • MOVIFIT® • Fieldbus interfaces MF../MQ..
Interface adapter USB1.1/USB2.0 to RS485	Option USB11A enables a PC or laptop with a USB interface to be connected to MOVIFIT®, MOVIMOT® or MF../MQ.. fieldbus interfaces. The USB11A interface adapter supports USB 1.1 and USB 2.0. Scope of delivery: • USB11A interface adapter • USB connection cable to connect USB11A - PC • Serial interface cable with 2 RJ10 plugs for connecting MOVIFIT®, MOVIMOT® or MF../MQ.. fieldbus interfaces to USB11A • CD-ROM with drivers and MOVITOOLS® MotionStudio	USB11A 	0 824 831 1	• MOVIMOT® • MOVIFIT® • Fieldbus interfaces MF../MQ..

14.4.4 Factory-installed external options

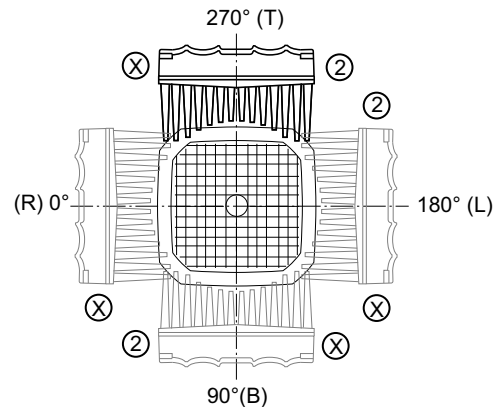
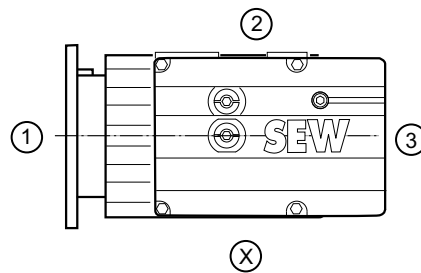
On request, the following options can be installed at the connection box at the factory (mounted, wired, and ready for operation):

- Local DC 24 V supply (MLU.1A)
- Local speed control module with DC 24 V supply (MLG.1A)
- PROFIBUS fieldbus interface (MFP../MQP..)
- PROFINET IO fieldbus interface (MFE..)
- INTERBUS fieldbus interface (MFI)
- DeviceNet fieldbus interface (MFD../MQD..)
- Hybrid cable for connection between MF.../Z.3. or MF../.6. field distributor and MOVIMOT® (KPF6, 1–5 m)

Important order information

The external options can be installed in the following positions as standard:

- Position "2"
- Position "X" (normal)



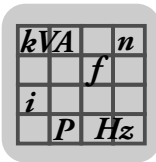
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14

14.4.5 Factory-installed integrated options

On request, the following options can be installed in the connection box at the factory (mounted, wired, and ready for operation):

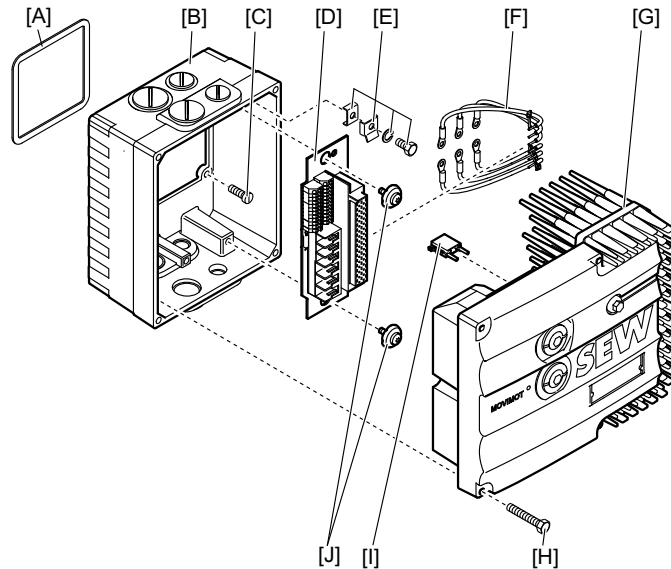
- Local DC 24 V voltage MLU13A
- MNF21A line filter
- BEM or BES brake control or URM voltage relay



14.5 MOVIMOT® retrofit sets

14.5.1 Scope of delivery of the retrofit set

The following figure shows the scope of delivery of the retrofit set for MOVIMOT® MM03D – MM40D.



[A] Terminal box gasket	[E] PE screw	[I] Drive-ID module
[B] Connection box	[F] Connection cable	[J] 2 screws
[C] 4 screws	[G] Cover with inverter	
[D] Connection pcb	[H] 4 screws	

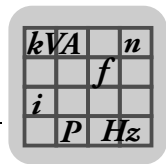
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The parts [B] and [D] to [J] are already assembled when the retrofit set is delivered.



INFORMATION

- Only (brake) motors are allowed to be retrofitted with:
 - Nominal motor voltage: AC 230/400 V, 50 Hz
 - Nominal brake voltage AC 230 V for MM03 – MM15
AC 120 V for MM22 – MM40
- No retrofit sets are available for UL units.
- MOVIMOT® retrofit sets are configured to order. This is the reason why retrofit sets do not have a part number.



14.5.2 Retrofit sets for DRS motors

1400 rpm λ

Power [kW]	Motor	+ MOVIMOT® retrofit set	= MOVIMOT® drive
0.37	DRS71S4	MM03D, λ , DRS	DRS71S4/.../MM03D
0.55	DRS71M4	MM05D, λ , DRS	DRS71M4/.../MM05D
0.75	DRS80S4	MM07D, λ , DRS	DRS80S4/.../MM07D
1.1	DRS80M4	MM11D, λ , DRS	DRS80M4/.../MM11D
1.5	DRS90M4	MM15D, λ , DRS	DRS90M4/.../MM15D
2.2	DRS90L4	MM22D, λ , DRS	DRS90L4/.../MM22D
3.0	DRS100M4	MM30D, λ , DRS	DRS100M4/.../MM30D
4.0	DRS100LC4	MM40D, λ , DRS	DRS100LC4/.../MM40D

2900 rpm Δ

Power [kW]	Motor	+ MOVIMOT® retrofit set	= MOVIMOT® drive
0.55	DRS71S4	MM05D, Δ , DRS	DRS71S4/.../MM05D
0.75	DRS71M4	MM07D, Δ , DRS	DRS71M4/.../MM07D
1.1	DRS80S4	MM11D, Δ , DRS	DRS80S4/.../MM11D
1.5	DRS80M4	MM15D, Δ , DRS	DRS80M4/.../MM15D
2.2	DRS90M4	MM22D, Δ , DRS	DRS90M4/.../MM22D
3.0	DRS90L4	MM30D, Δ , DRS	DRS90L4/.../MM30D
4.0	DRS100M4	MM40D, Δ , DRS	DRS100M4/.../MM40D

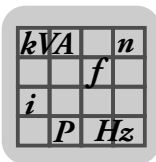
14.5.3 Retrofit sets for DRE motors

1400 rpm λ

Power [kW]	Motor	+ MOVIMOT® retrofit set	= MOVIMOT® drive
0.75	DRE80M4	MM07D, λ , DRE	DRE80M4/.../MM07D
1.1	DRE90M4	MM11D, λ , DRE	DRE90M4/.../MM11D
1.5	DRE90L4	MM15D, λ , DRE	DRE90L4/.../MM15D
2.2	DRE100M4	MM22D, λ , DRE	DRE100M4/.../MM22D
3.0	DRE100LC4	MM30D, λ , DRE	DRE100LC4/.../MM30D
4.0	DRE132S4	MM40D, λ , DRE	DRE132S4/.../MM40D

2900 rpm Δ

Power [kW]	Motor	+ MOVIMOT® retrofit set	= MOVIMOT® drive
1.1	DRE80M4	MM11D, Δ , DRE	DRE80M4/.../MM11D
1.5	DRE90M4	MM15D, Δ , DRE	DRE90M4/.../MM15D
2.2	DRE90L4	MM22D, Δ , DRE	DRE90L4/.../MM22D
3.0	DRE100M4	MM30D, Δ , DRE	DRE100M4/.../MM30D
4.0	DRE100LC4	MM40D, Δ , DRE	DRE100LC4/.../MM40D



14.5.4 Retrofit sets for DRP motors

1400 rpm λ

Power [kW]	Motor	+ MOVIMOT® retrofit set	= MOVIMOT® drive
0.75	DRP90M4	MM07D, λ , DRP	DRP90M4/.../MM07D
1.1	DRP90L4	MM11D, λ , DRP	DRP90L4/.../MM11D
1.5	DRP100M4	MM15D, λ , DRP	DRP100M4/.../MM15D
2.2	DRP100L4	MM22D, λ , DRP	DRP100L4/.../MM22D
3.0	DRP112M4	MM30D, λ , DRP	DRP112M4/.../MM30D
4.0	DRP132M4	MM40D, λ , DRP	DRP132M4/.../MM40D

2900 rpm Δ

Power [kW]	Motor	+ MOVIMOT® retrofit set	= MOVIMOT® drive
1.1	DRP90M4	MM11D, Δ , DRP	DRP90M4/.../MM11D
1.5	DRP90L4	MM15D, Δ , DRP	DRP90L4/.../MM15D
2.2	DRP100M4	MM22D, Δ , DRP	DRP100M4/.../MM22D
3.0	DRP100L4	MM30D, Δ , DRP	DRP100L4/.../MM30D
4.0	DRP112M4	MM40D, Δ , DRP	DRP112M4/.../MM40D

14.5.5 Braking resistors for motors without brake

For motors without mechanical brake, we recommend to connect an integrated braking resistor BW... The braking resistor is not included in the scope of delivery of the retrofit set and must be ordered separately:

MOVIMOT® type	Braking resistor	Part number
MM03D to MM15D	BW1	0 822 897 3 ¹⁾
MM22D to MM40D	BW2	0 823 136 2 ¹⁾

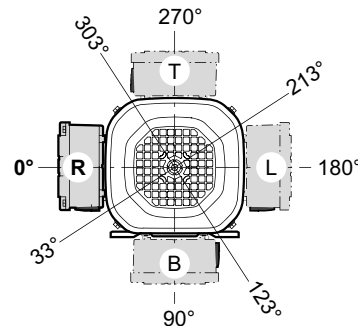
1) The scope of delivery includes 2 screws M4 x 8.

kVA		n
	f	
i		
P	H_z	

14.6 Dimension sheets

Note the following for the dimension sheets of MOVIMOT® AC motors:

- Foot-mounted motors are available with connection box position 270° only.
- A fan guard represented by a dotted line shows the design with brake.
- Different positions are possible for the manual brake release. The four positions 33°, 123°, 213° or 303° are basically possible.

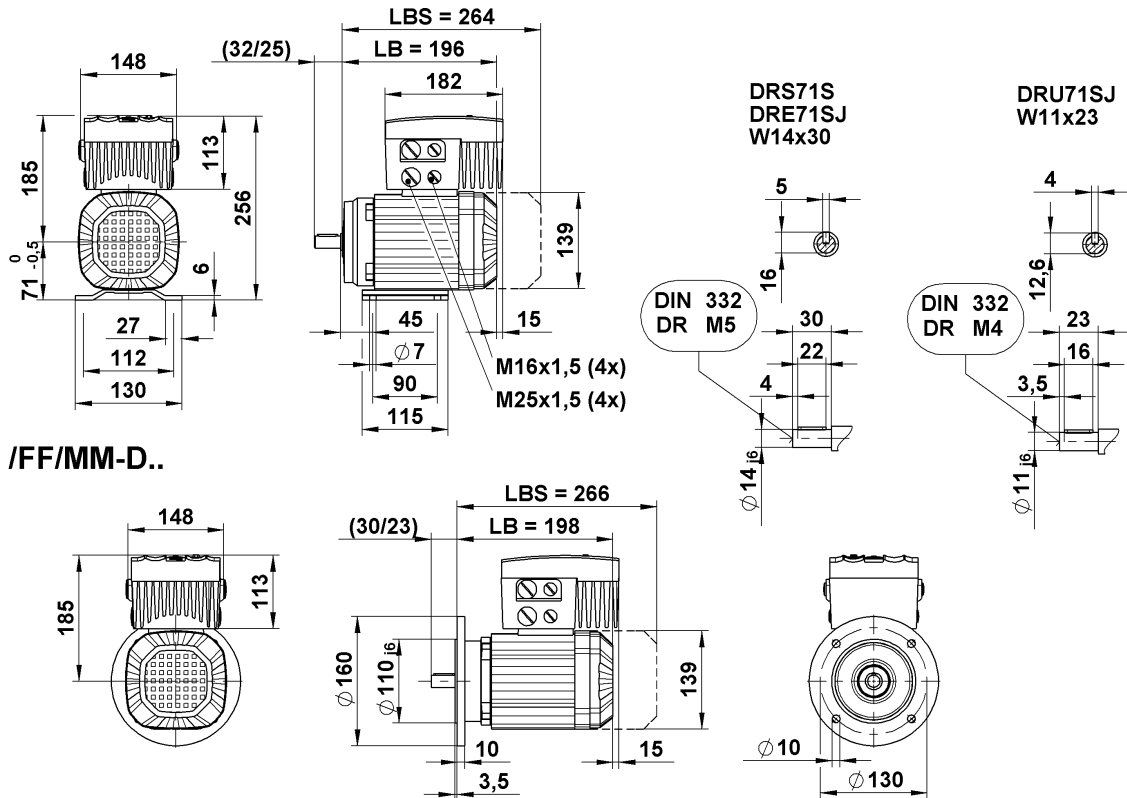


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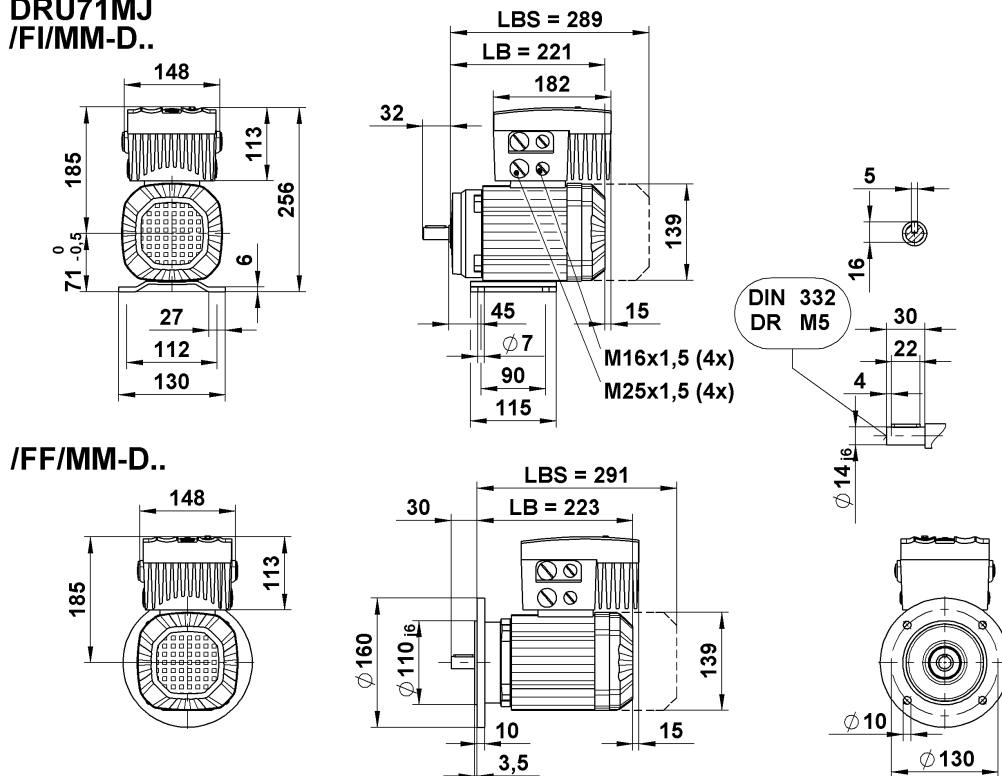
- The manual brake release is located at an angle of 303° to the terminal box as standard. The manual brake release can be turned by $4 \times 90^\circ$. The forced cooling fan option (V) limits the possible positions of the manual brake release.
- For brakemotors, do not forget to add the space required for removing the fan guard (= fan guard diameter).
- Leave a clearance of at least half the fan guard diameter to provide unhindered air access.
- The motor dimensions may change when installing motor options. Refer to the dimension drawings of the motor options.

DRS71S, DRE71SJ, DRU71SJ
/FI/MM-D..

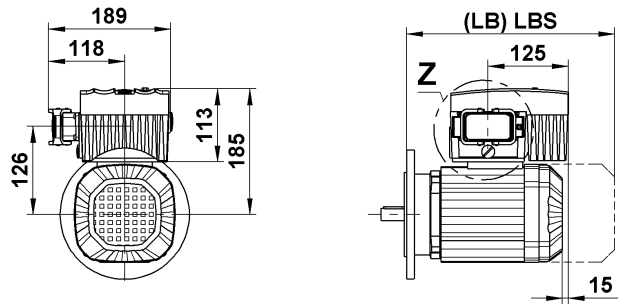
80 152 01 07
Bl. 1 (3)



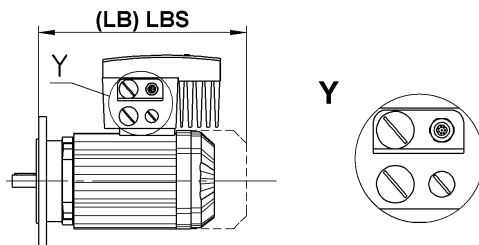
DRU71MJ
/FI/MM-D..



DR.71..
/MM-D..



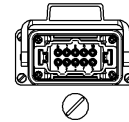
/MM-D../EI7./AVSE
/AVRE



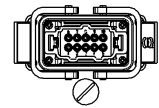
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80 152 01 07
Bl. 3 (3)

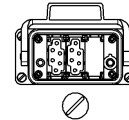
ASD3



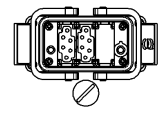
ASA3



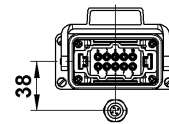
AMD6



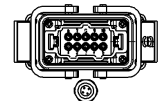
AMA6



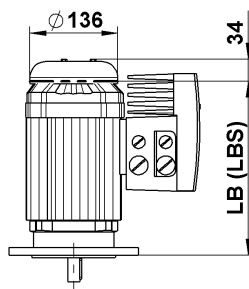
ASD3+AVT1
ASD3+AVR1



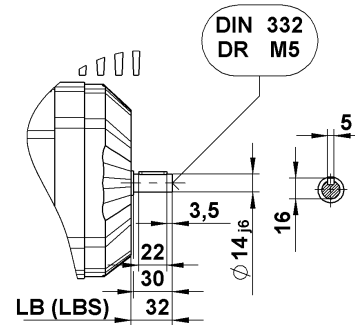
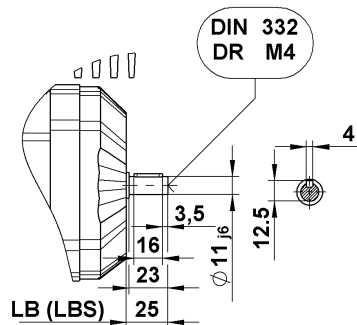
ASA3+AVT1
AS3+AVR1



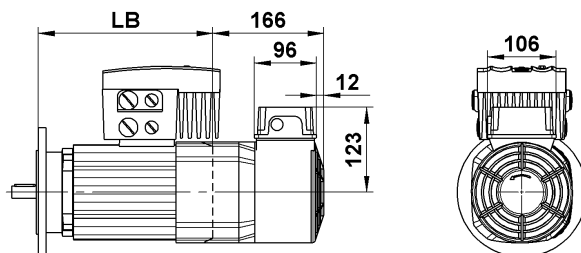
/C/MM-D..



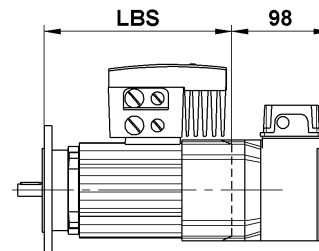
/2W/MM-D..



V/MM-D..



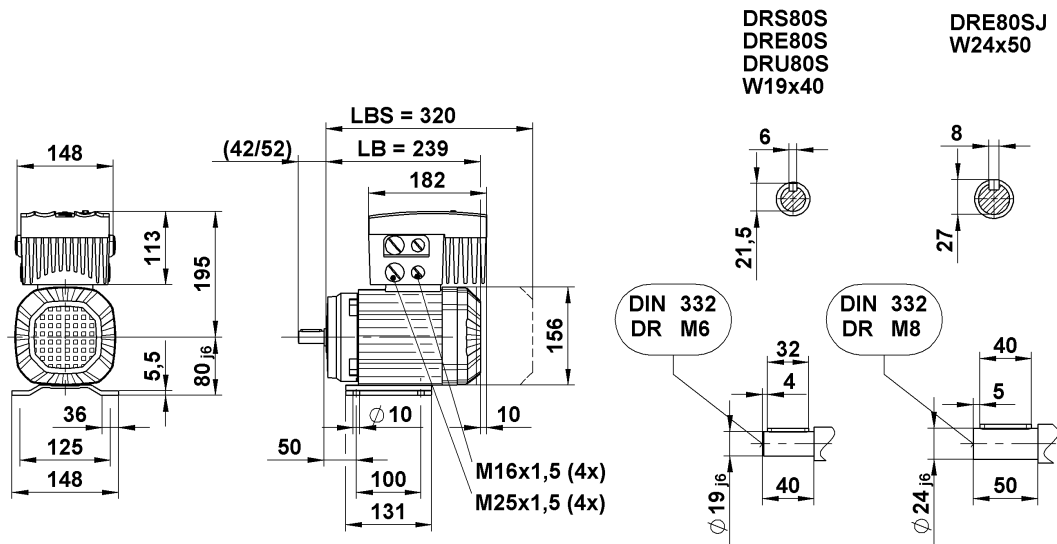
BE/V/MM-D..



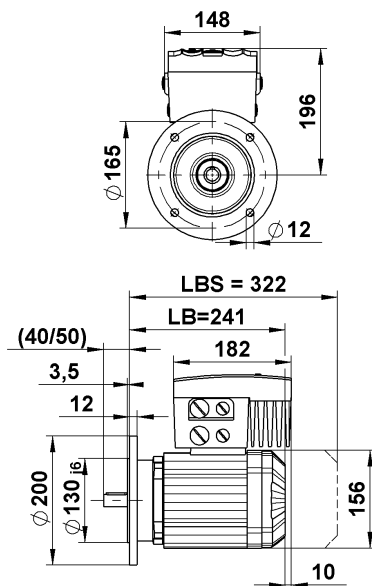
LB = (DR.71..MM..)
LBS = (DR.71.BE..MM..)

**DRS80S, DRE80S, DRU80SJ, DRE80SJ
/FI/MM-D..**

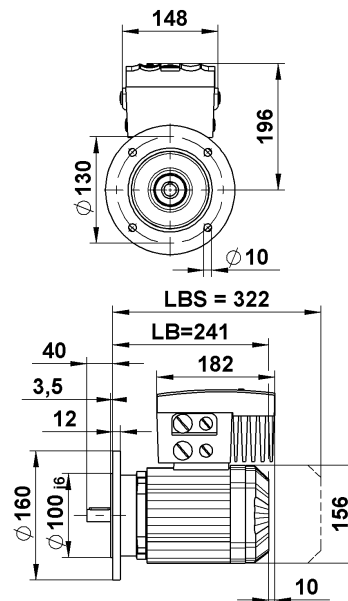
80 153 01 07
Bl. 1 (4)



DRS80S, DRU80SJ, DRE80SJ
/FF165

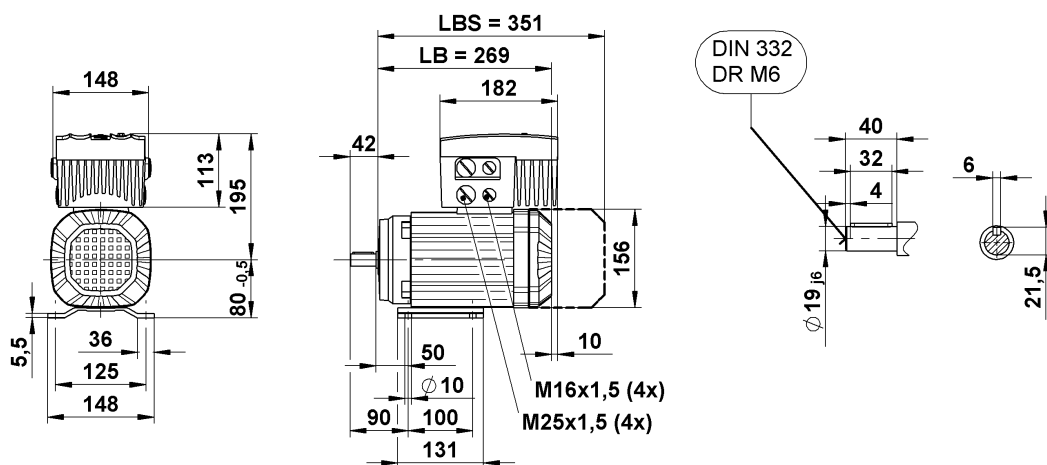


DRE80S
/FF130

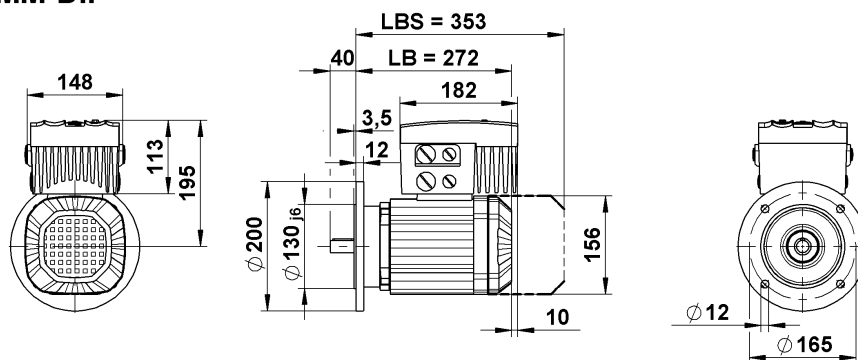


**DRE80M, DRU80MJ
/FI/MM-D..**

80 153 01 07
Bl. 2 (4)

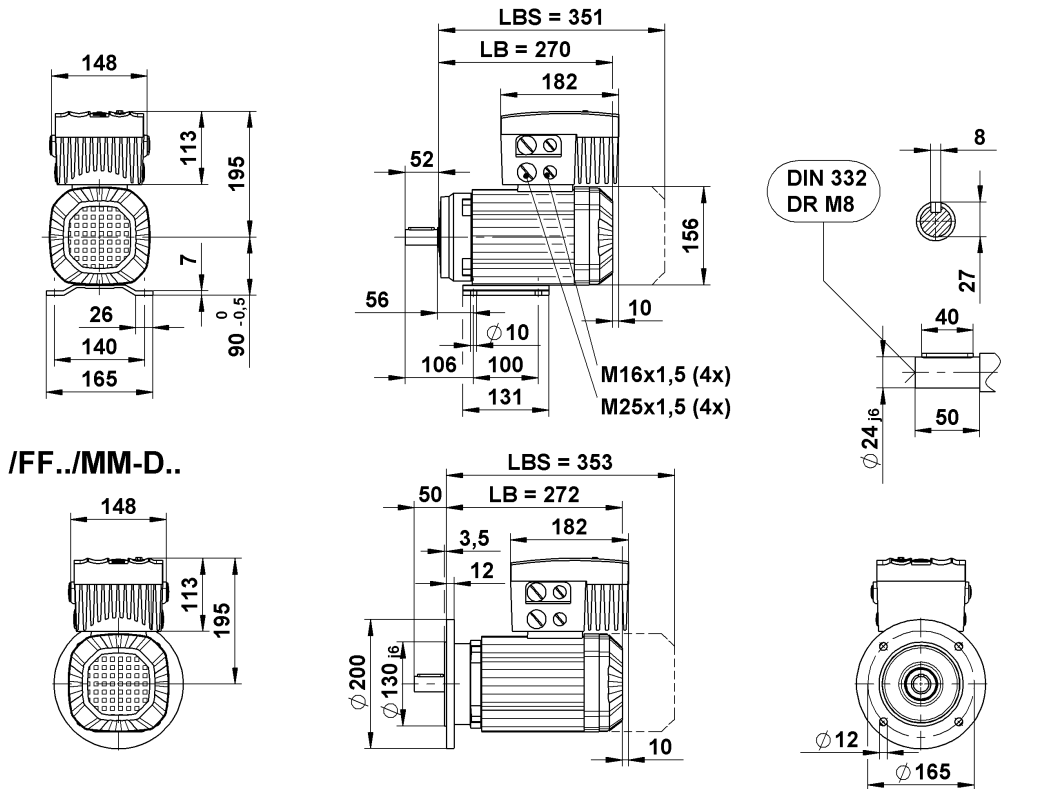


/FF/MM-D..

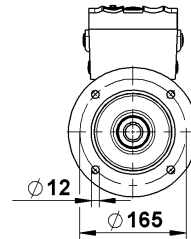
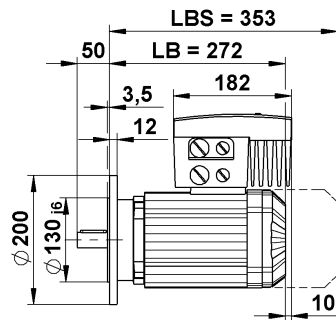
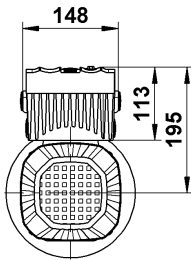


DRS80M, DRE80MJ
/FI../MM-D.. (MM11,MM15)

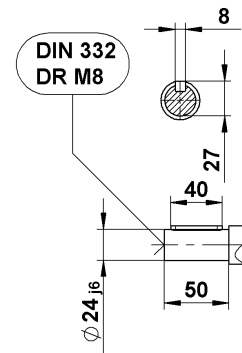
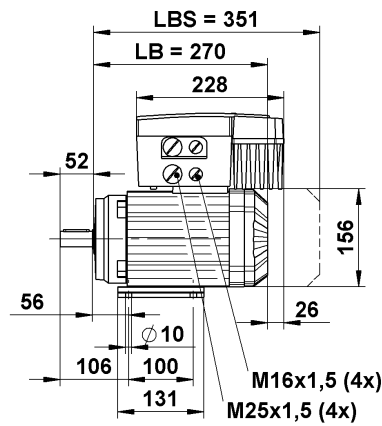
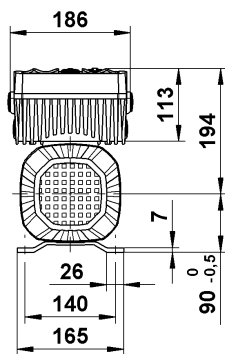
80 153 01 07
Bl. 3 (4)



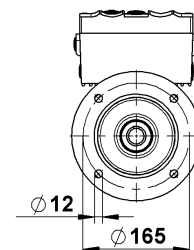
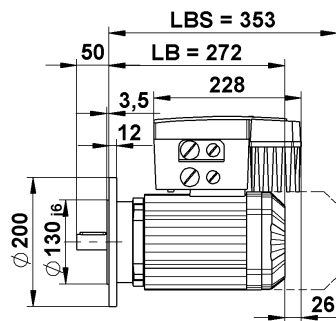
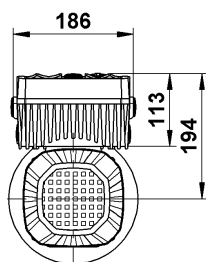
/FF../MM-D..

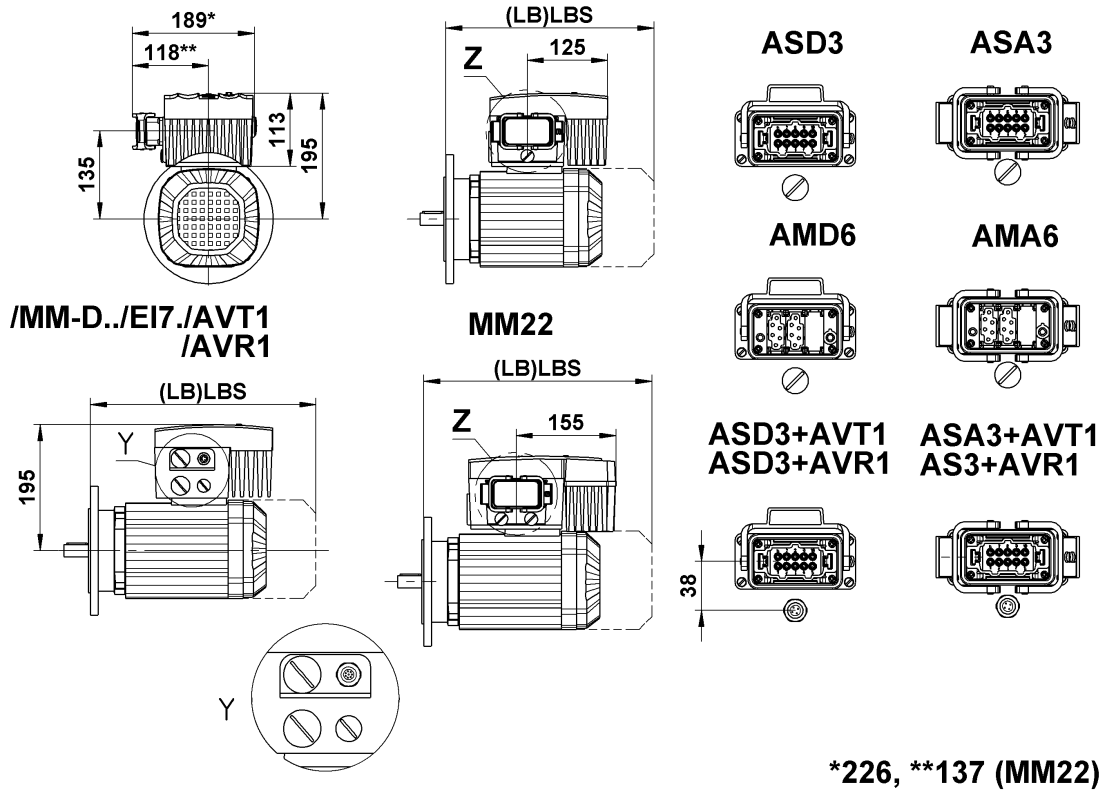


/FI../MM-D.. (MM22)

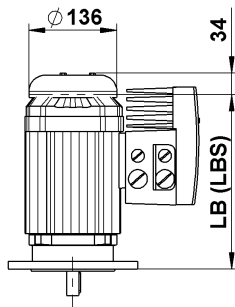
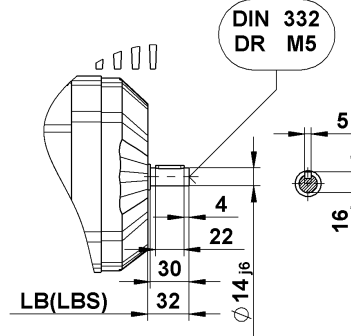
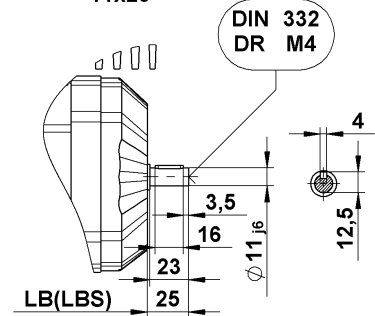
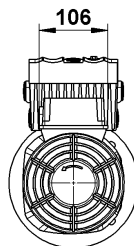
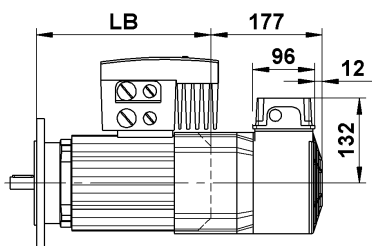
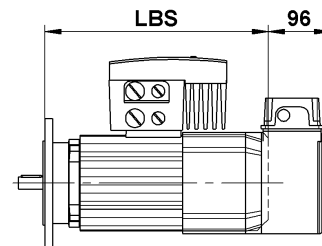


/FF../MM-D.



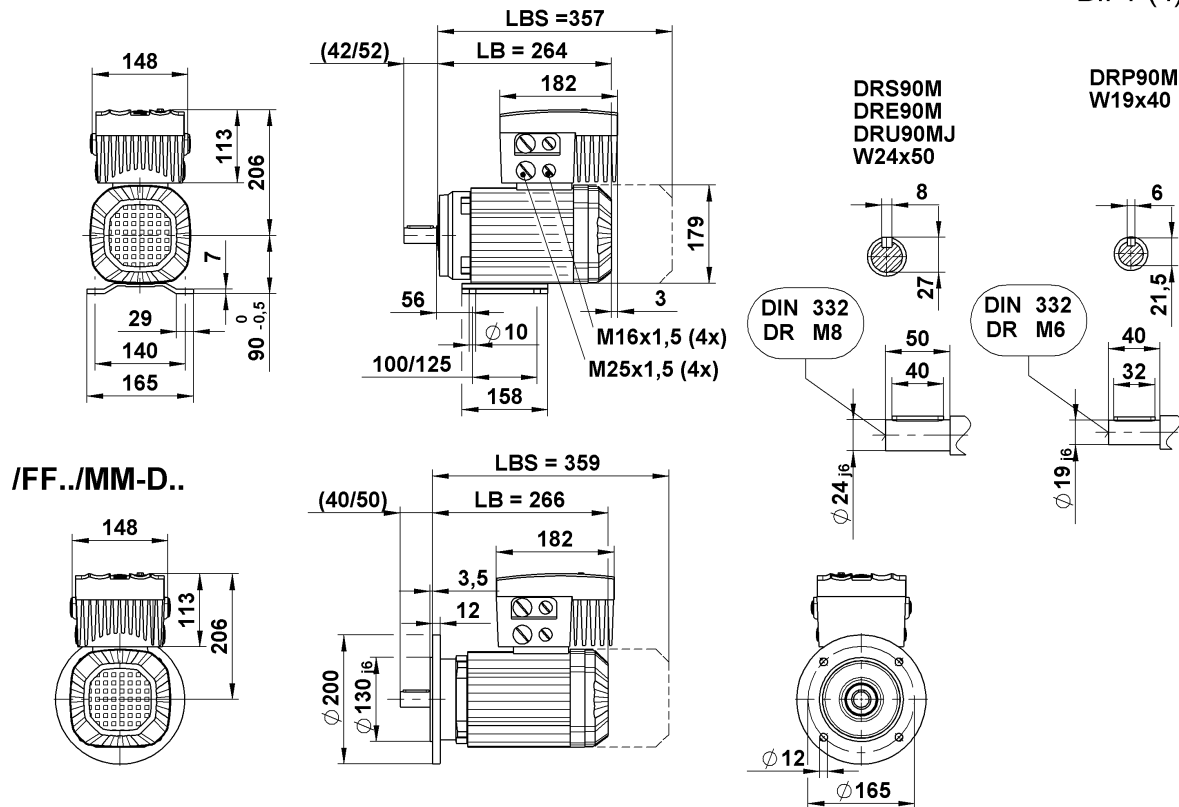
**DR.80..
/MM-D..**
**80 153 01 07
Bl. 4 (4)**


*226, **137 (MM22)

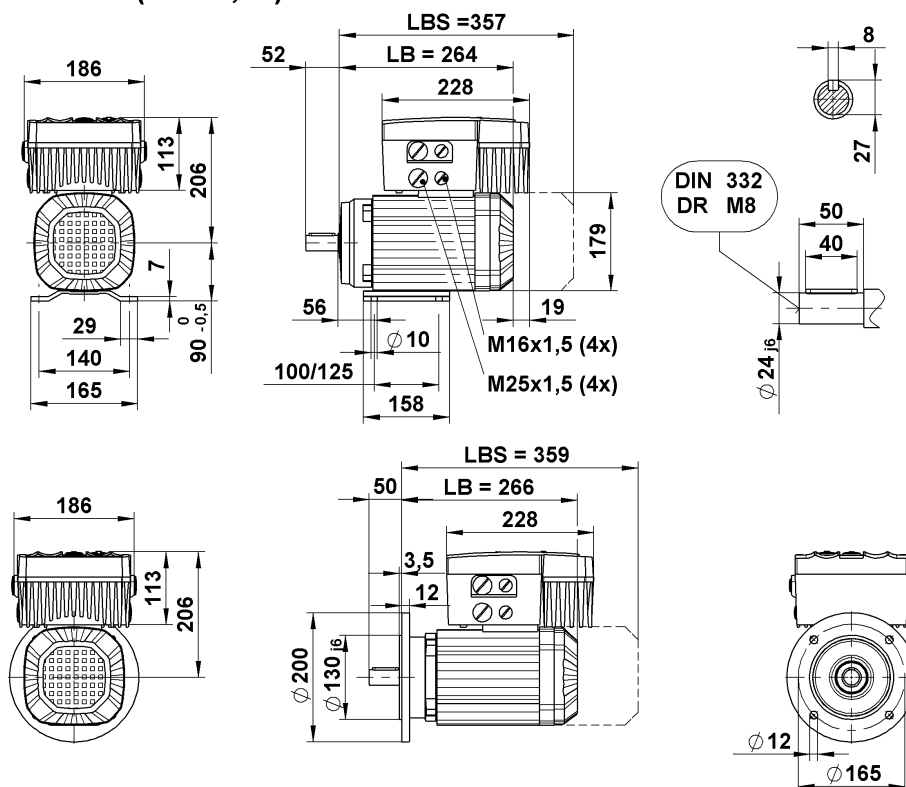
/C/MM-D..

**/2W
14x30**

**/2W
11x23**

/V/MM-D..

BE/V/MM-D..

 LB = (DR.80../MM..)
 LBS = (DR.80.BE../MM..)

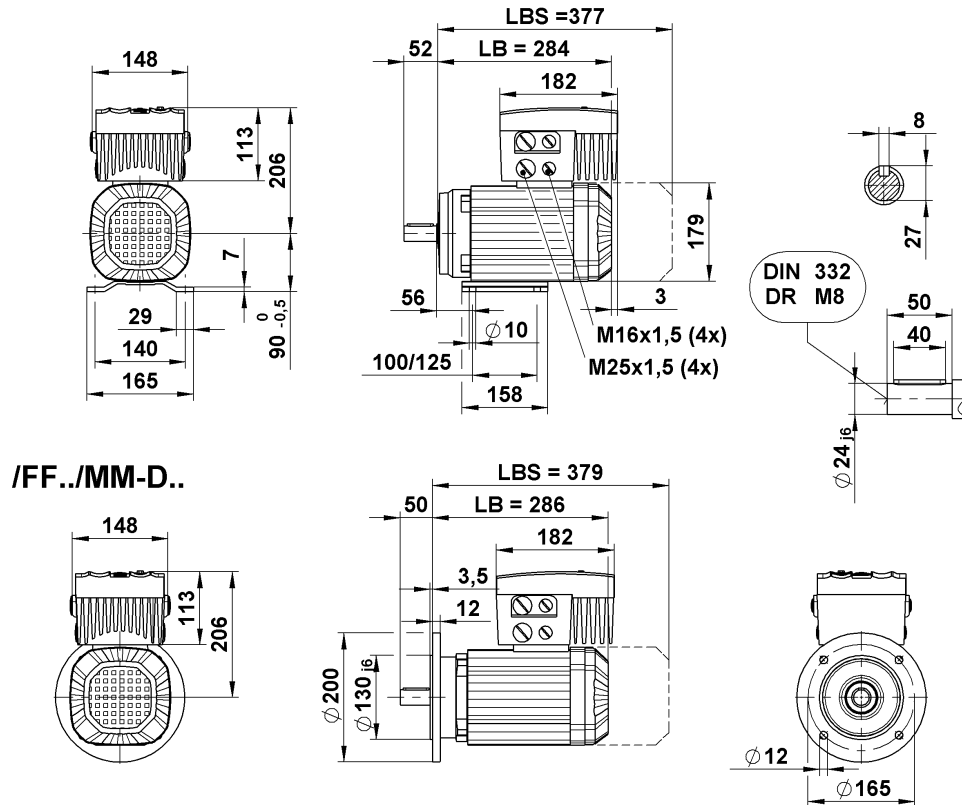
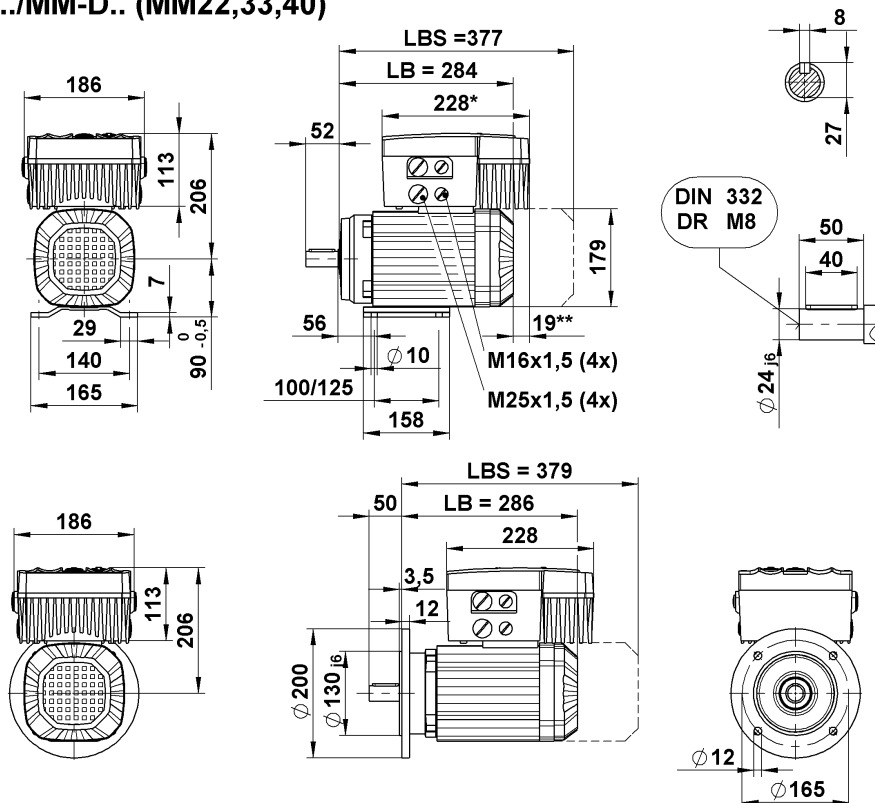
DRP90M, DRS90M, DRE90M, DRU90MJ
/FI../MM-D.. (MM07,11,15)

80 158 01 07
Bl. 1 (4)



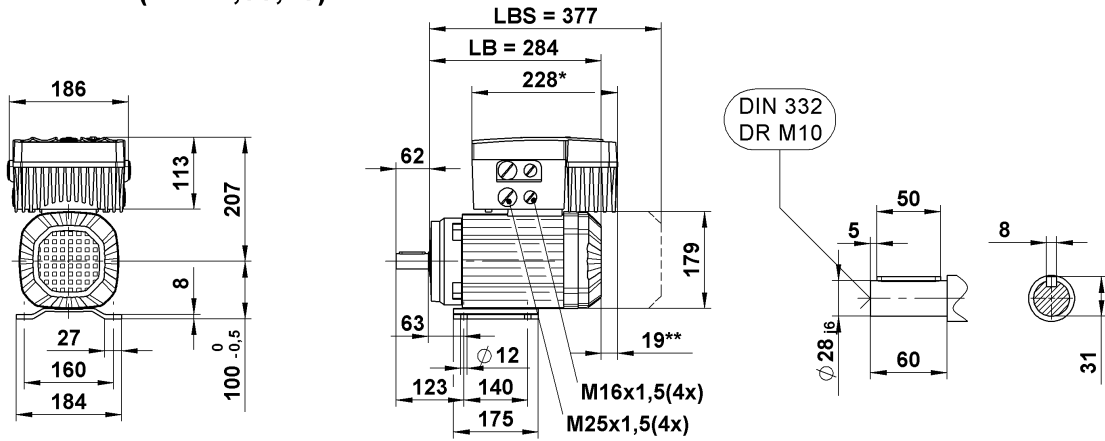
DRS90M, DRE90M, DRU90MJ
/FI../MM-D.. (MM22,33)



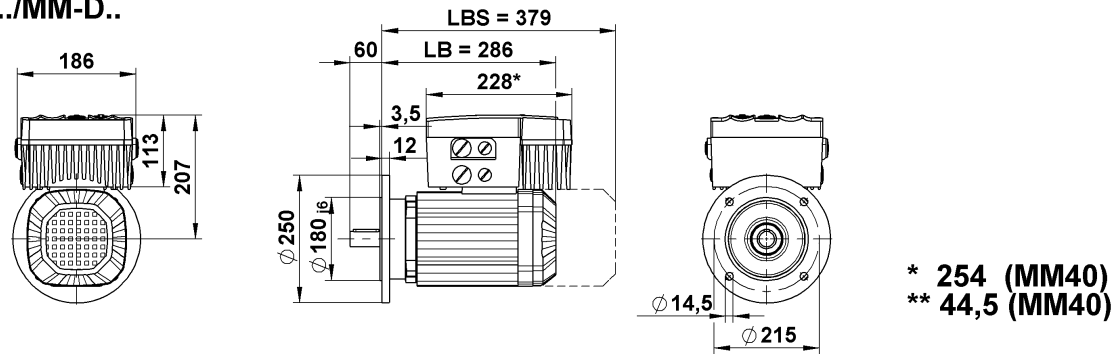
DRP90L, DRE90L, DRU90LJ
/FI../MM-D.. (MM11,15)
80 158 01 07
 Bl. 2 (4)

DRE90L, DRP90L, DRU90LJ
/FI../MM-D.. (MM22,33,40)

***254 (MM40)**
****45 (MM40)**

DRS90L
DRE90LJ
/FI../MM-D..(MM22,30,40)

80 158 01 07
Bl. 3 (4)

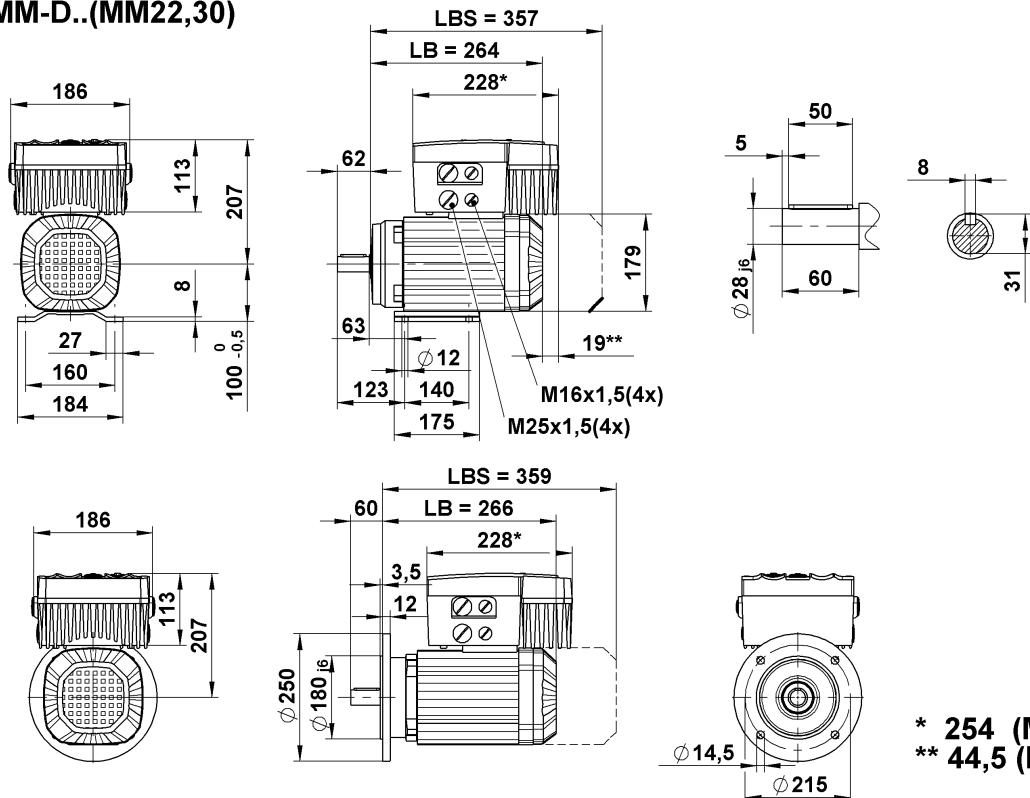


/FF../MM-D..



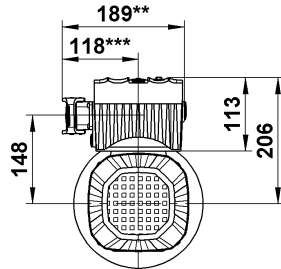
* 254 (MM40)
** 44,5 (MM40)

DRE90MJ
/FI../MM-D..(MM22,30)

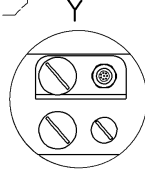
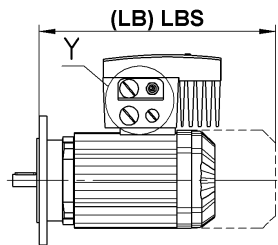


* 254 (MM40)
** 44,5 (MM40)

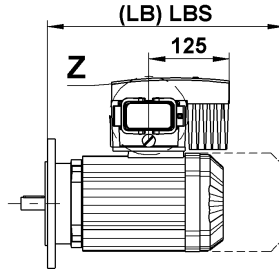
DR.90M,L
MM-D..



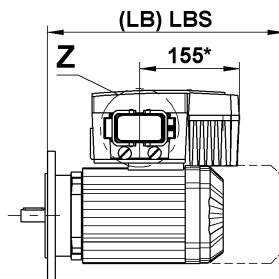
/MM-D../EI7./AVSE
/AVRE



MM11,15



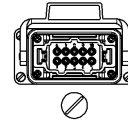
MM22,30,40



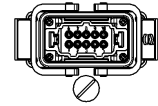
80 158 01 07
Bl. 4 (4)

Z

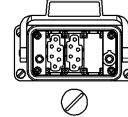
ASD3



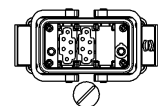
ASA3



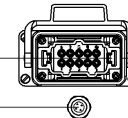
AMD6



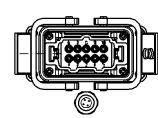
AMA6



ASD3+AVT1
ASD3+AVR1



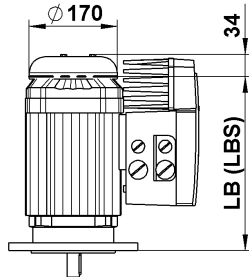
ASA3+AVT1
AS3+AVR1



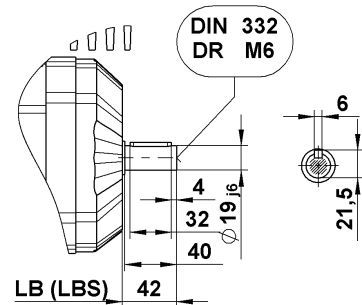
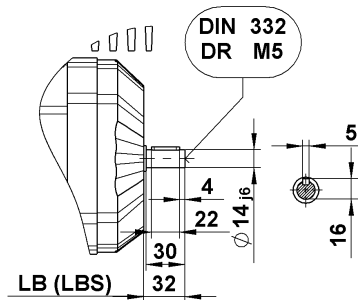
*181 (MM40)

226, *137 (MM22,30,40)

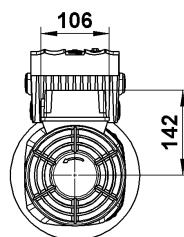
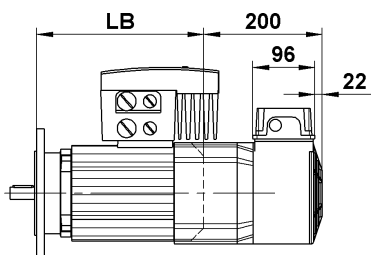
/C/MM-D..



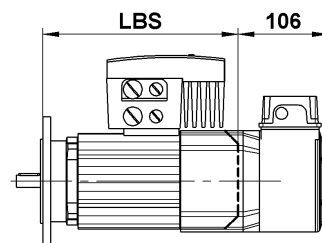
/2W/MM-D..



/V/MM-D..



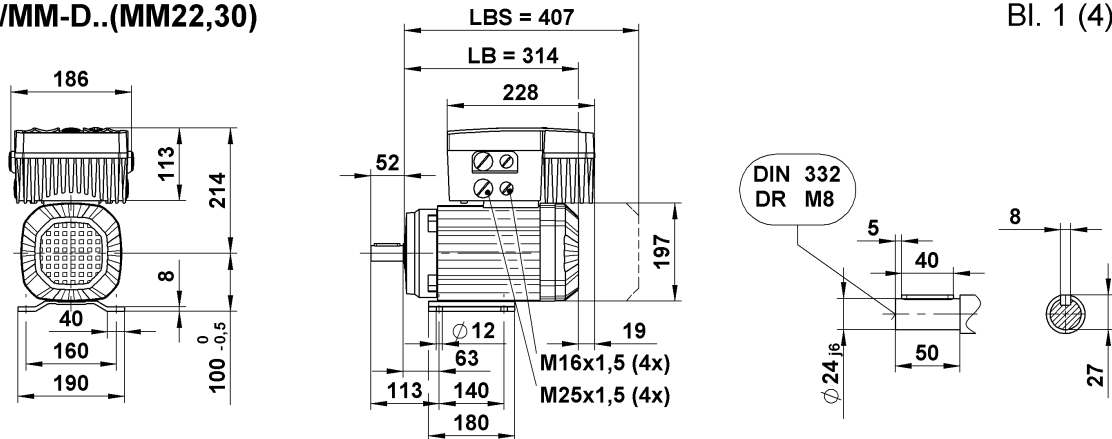
BE/V/MM-D..



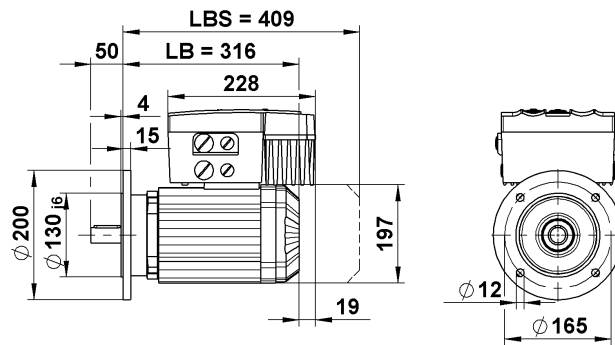
LB = (DR.90..MM..)
LBS = (DR.90.BE..MM..)

DRP100M
FI../MM-D..(MM22,30)

80 161 01 07
Bl. 1 (4)

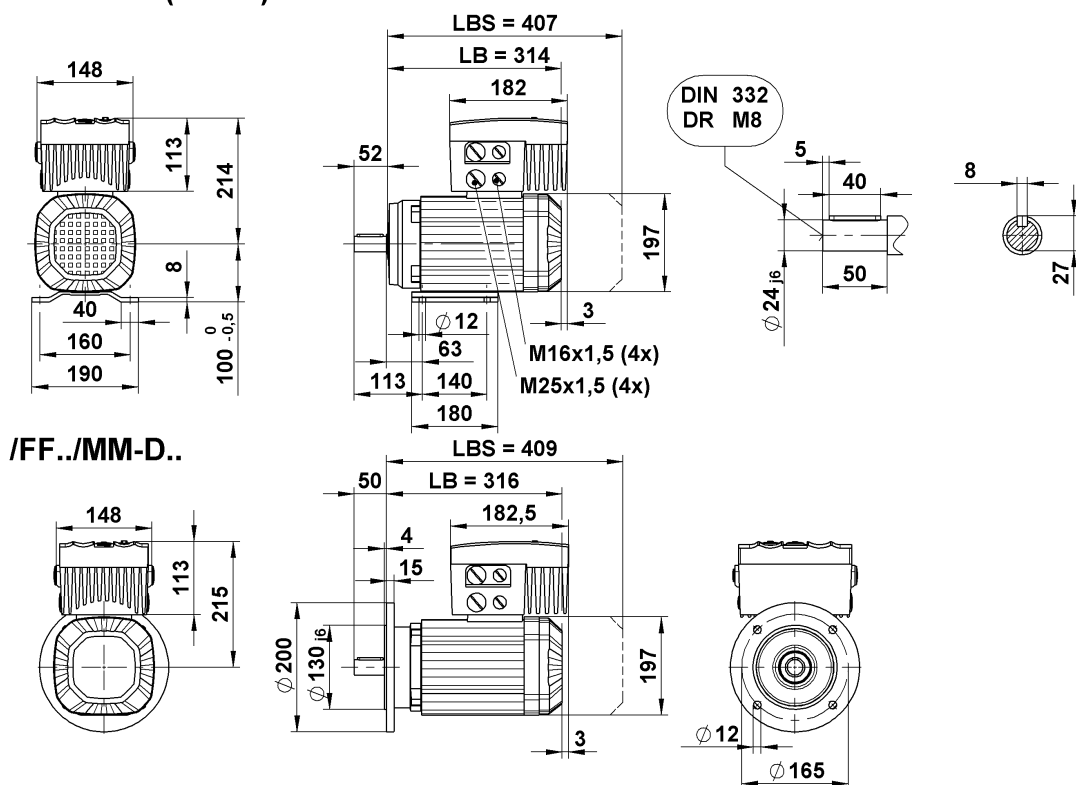


/FF../MM-D..

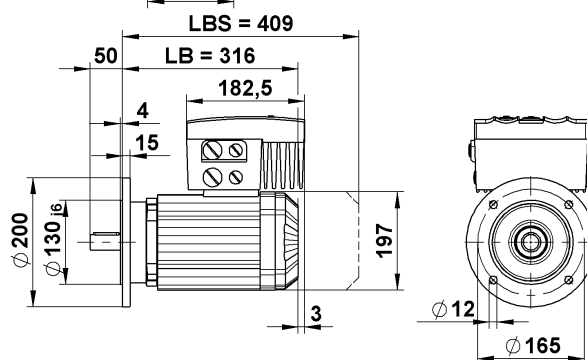


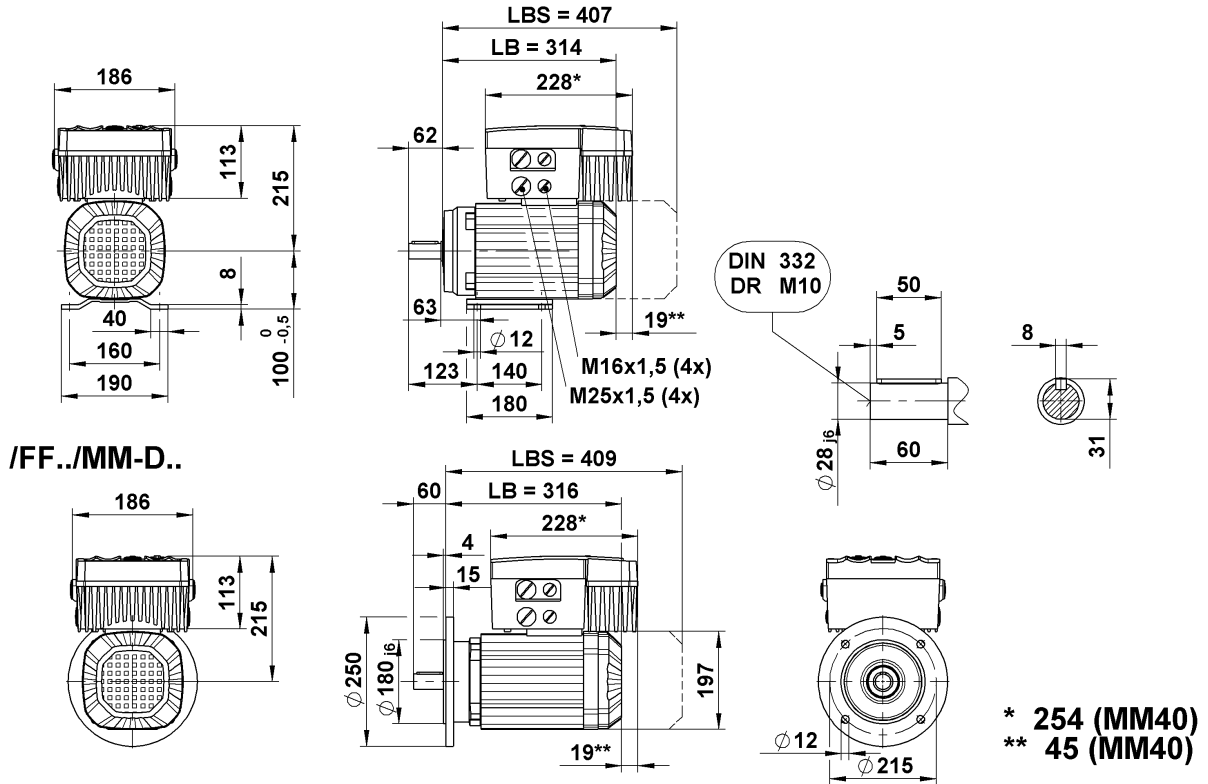
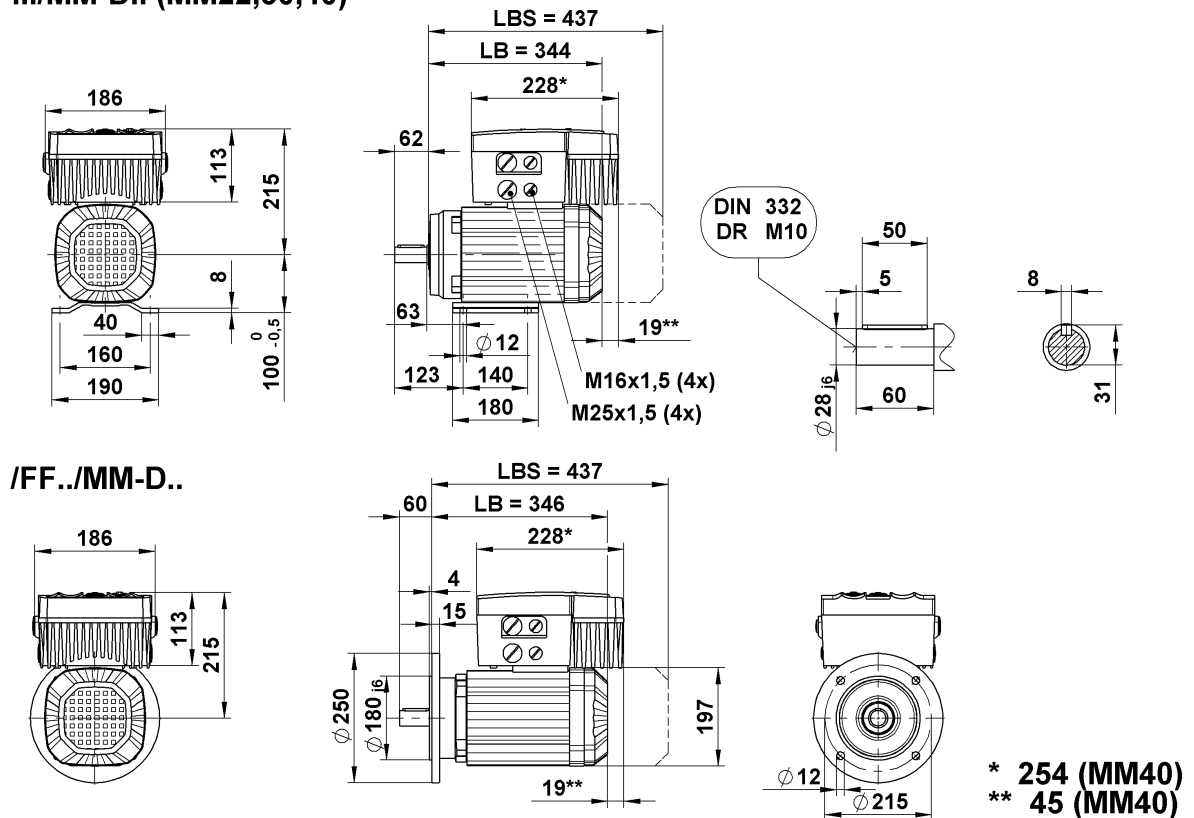
DRP100M
FI../MM-D..(MM15)

14



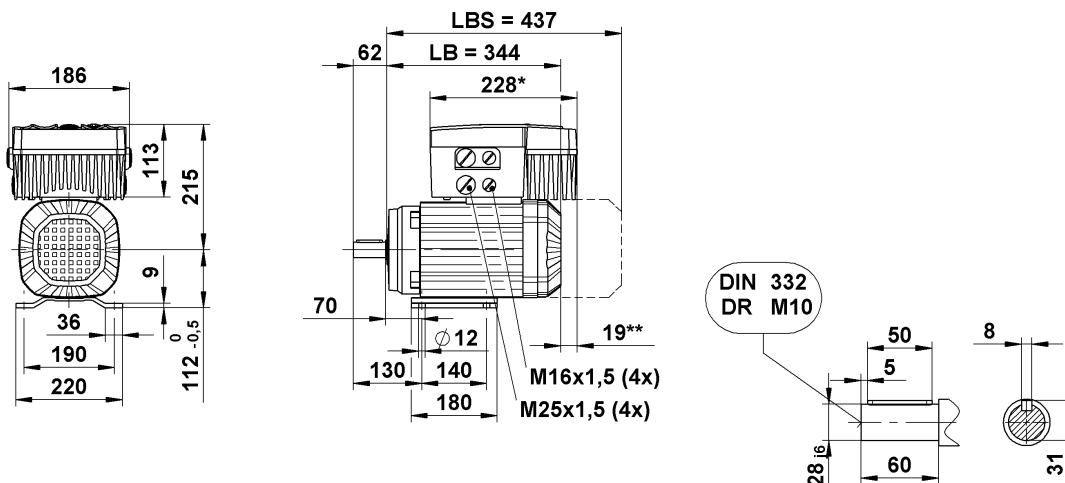
/FF../MM-D..



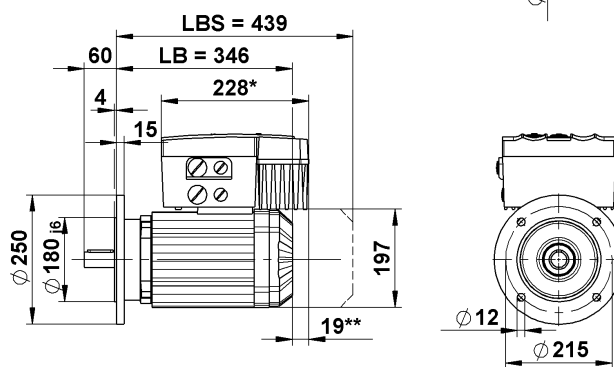
DRS100M, DRE100M, DRE100MJ, DRU100MJ
/FI../MM-D.. (MM22,30,40)
80 161 01 07
 Bl. 2 (4)

DRP100L, DRE100L, DRE100LC, DRU100LJ
/FI../MM-D.. (MM22,30,40)


DRS100LC
/FI../MM-D..

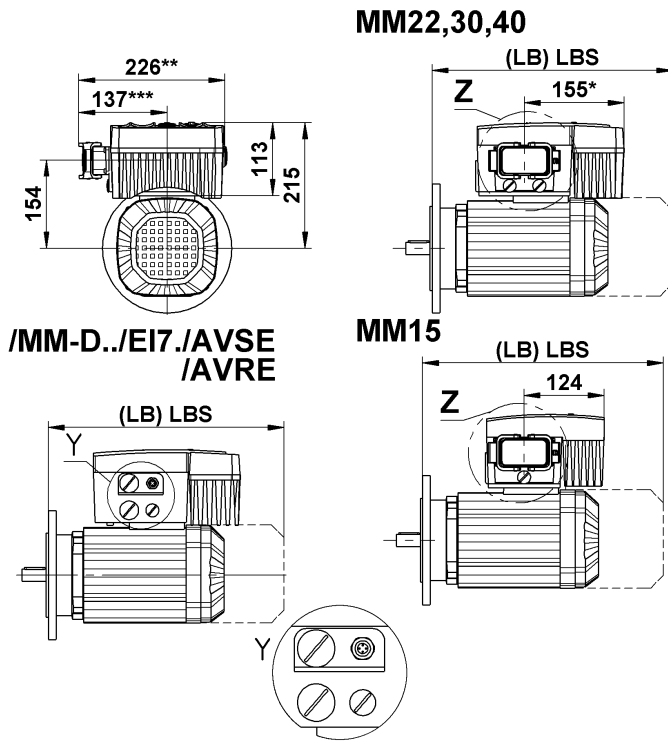
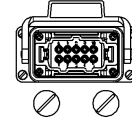
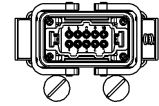
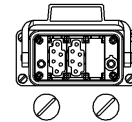
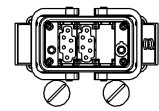
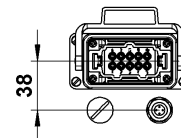
80 161 01 07
Bl. 3 (4)

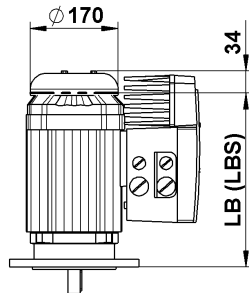
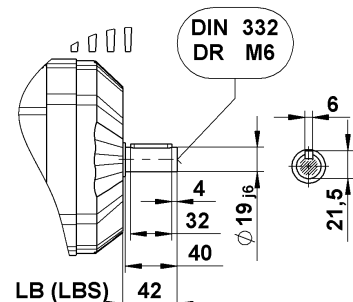
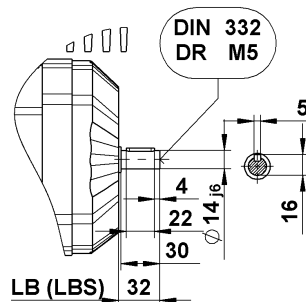
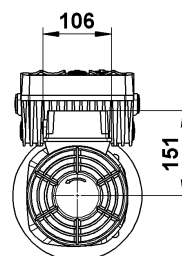
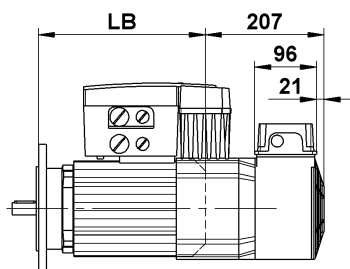
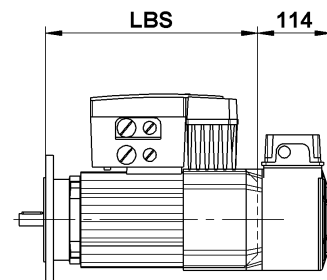


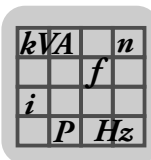
/FF../MM-D..



* 254 (MM40)
** 44,5 (MM40)

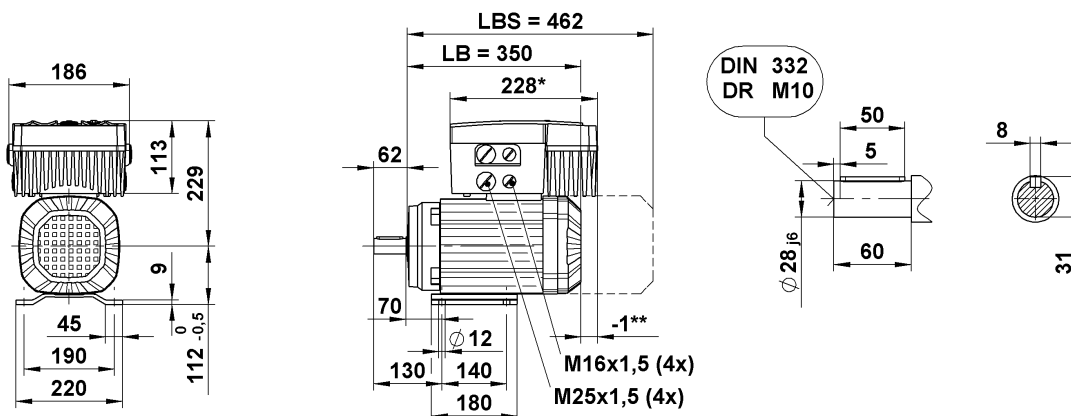
**DR.100..
/MM-D../IV**
80 161 01 07
 Bl. 4 (4)

ASD3

Z
ASA3

AMD6

AMA6

**ASD3+AVT1
ASD3+AVR1**

**ASA3+AVT1
ASA3+AVR1**

****189,***118 (MM15)**
***181 (MM40)**
/C/MM-D..

/2W/MM-D..

/V/MM-D..

BE/V/MM-D..

LB = (DR.100..MM..)
LBS = (DR.100.BE..MM..)

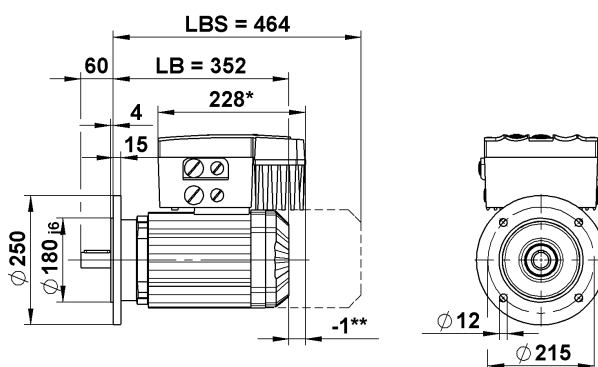


DRP112M
/FI../MM-D..

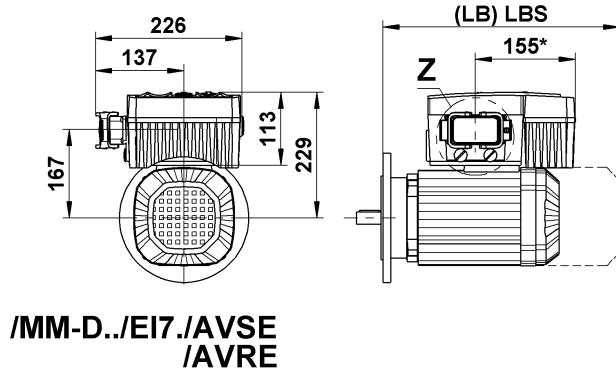
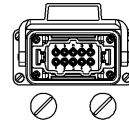
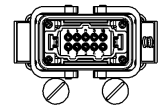
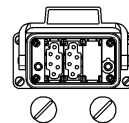
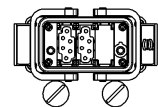
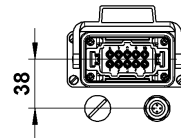
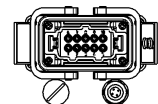
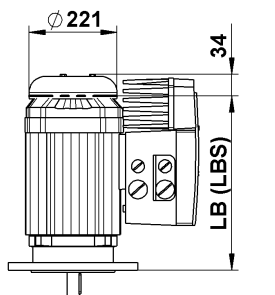
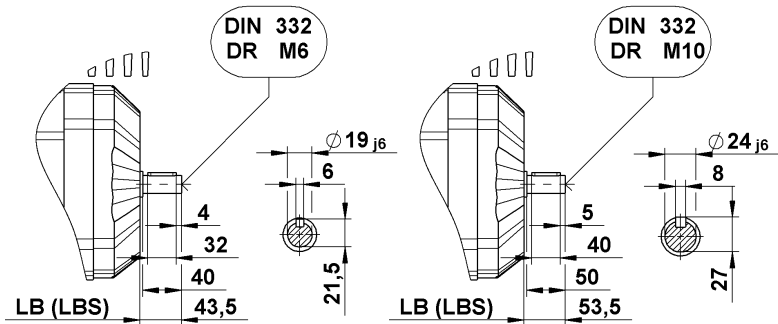
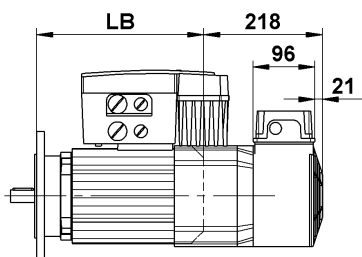
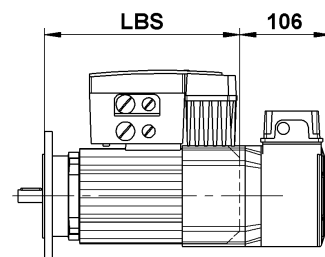
80 162 01 07
Bl. 1 (2)



/FF../MM-D..

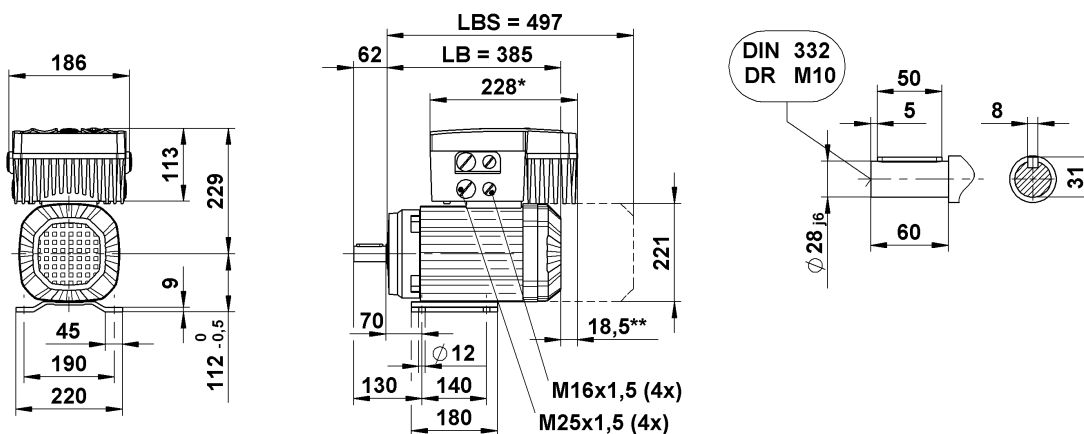


* 254 (MM40)
** 25 (MM40)

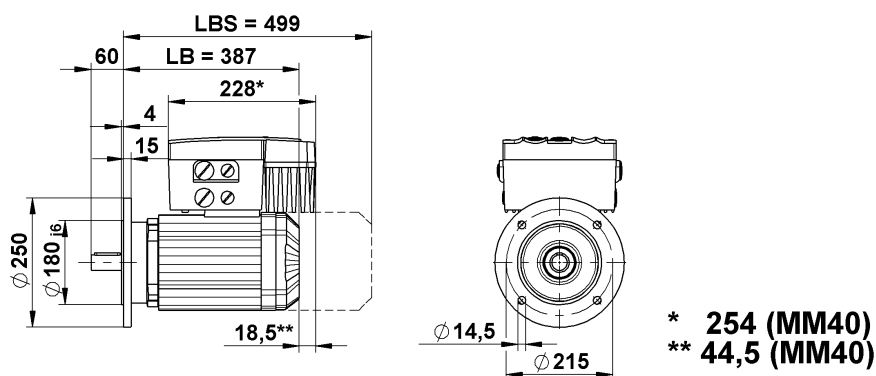
DR.112.
/MM-D..
80 162 01 07
 Bl. 2 (2)
Z**ASD3****ASA3****AMD6****AMA6**
ASD3+AVT1
ASD3+AVR1

ASA3+AVT1
ASA3+AVR1

*** 181 (MM40)**
/C/MM-D..

/2W/MM-D..

/V/MM-D..

BE/V/MM-D..

LB = (DR.112..MM..)
LBS = (DR.112.BE..MM..)

DRE132S/Fl../MM-D..

80 165 01 07
Bl. 1 (2)



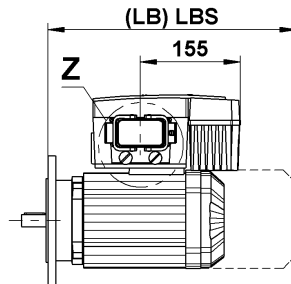
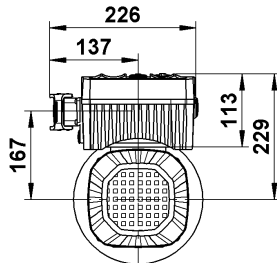
/FF../MM-D..



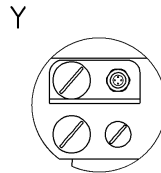
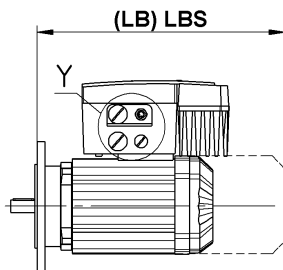
DR.132.
/MM-D..

80 165 01 07
Bl. 2 (2)

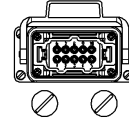
Z



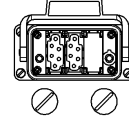
/MM-D../AVSE
/AVRE



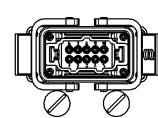
ASD3



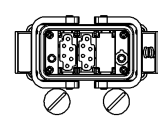
AMD6



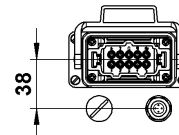
ASA3



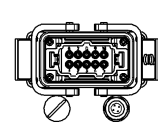
AMA6



ASD3+AVT1
ASD3+AVR1



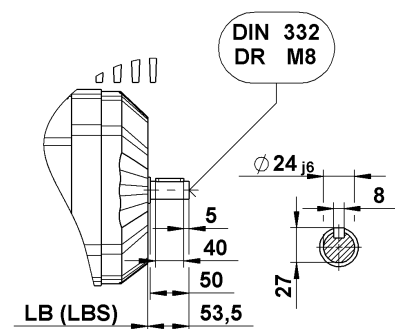
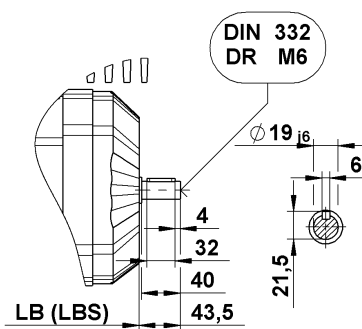
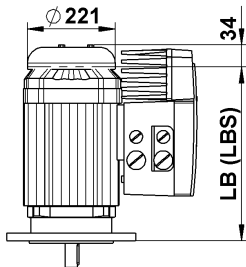
ASA3+AVT1
ASA3+AVR1



* 181 (MM40)

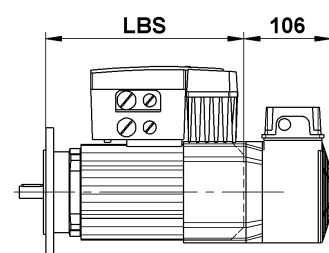
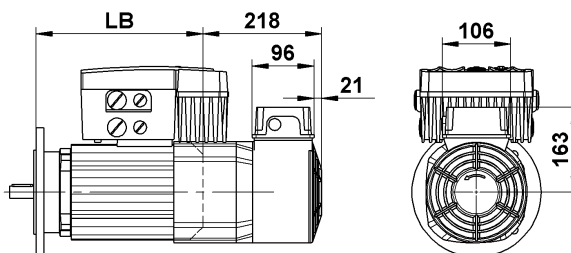
/C/MM-D..

/2W/MM-D..

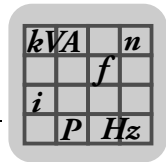


/V/MM-D..

BE/V/MM-D..



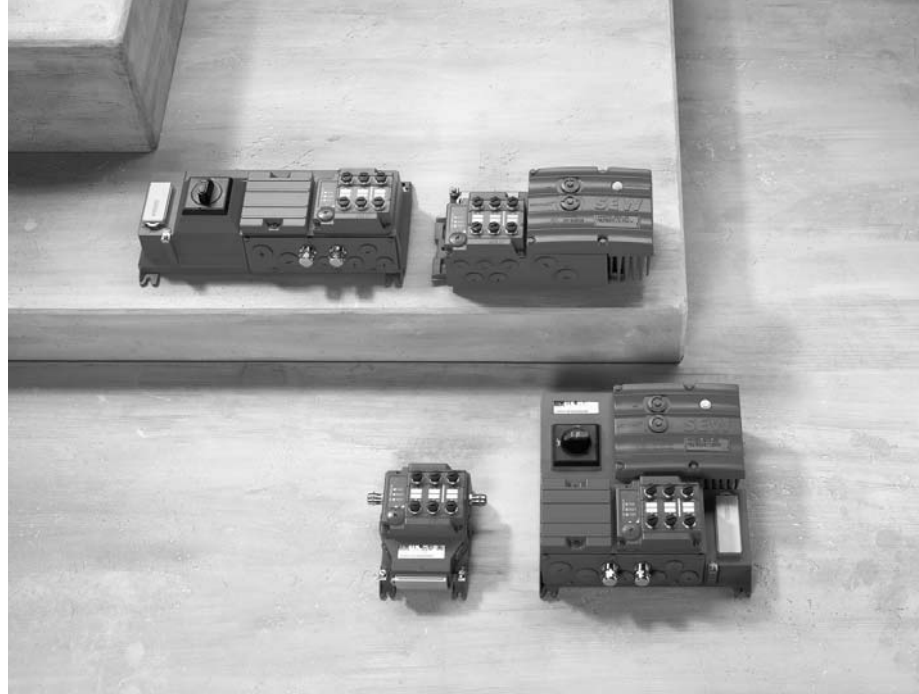
LB = (DR.132..MM..)
LBS = (DR.132.BE..MM..)



14.7 Fieldbus interfaces

14.7.1 Description

The following figure shows field distributors from SEW-EURODRIVE:



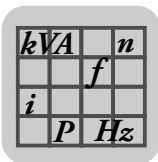
1507298827

Fieldbus interfaces MF.. / MQ..

Type MF.. fieldbus interfaces allow for connecting MOVIMOT® and MOVI-SWITCH® drives to a standardized fieldbus system. These fieldbus interfaces not only allow for controlling MOVIMOT® and MOVI-SWITCH® drives but also for reading sensor signals as well as controlling actuators via the digital output terminals. All fieldbus interfaces and field distributors are supplied in IP65 degree of protection as standard.

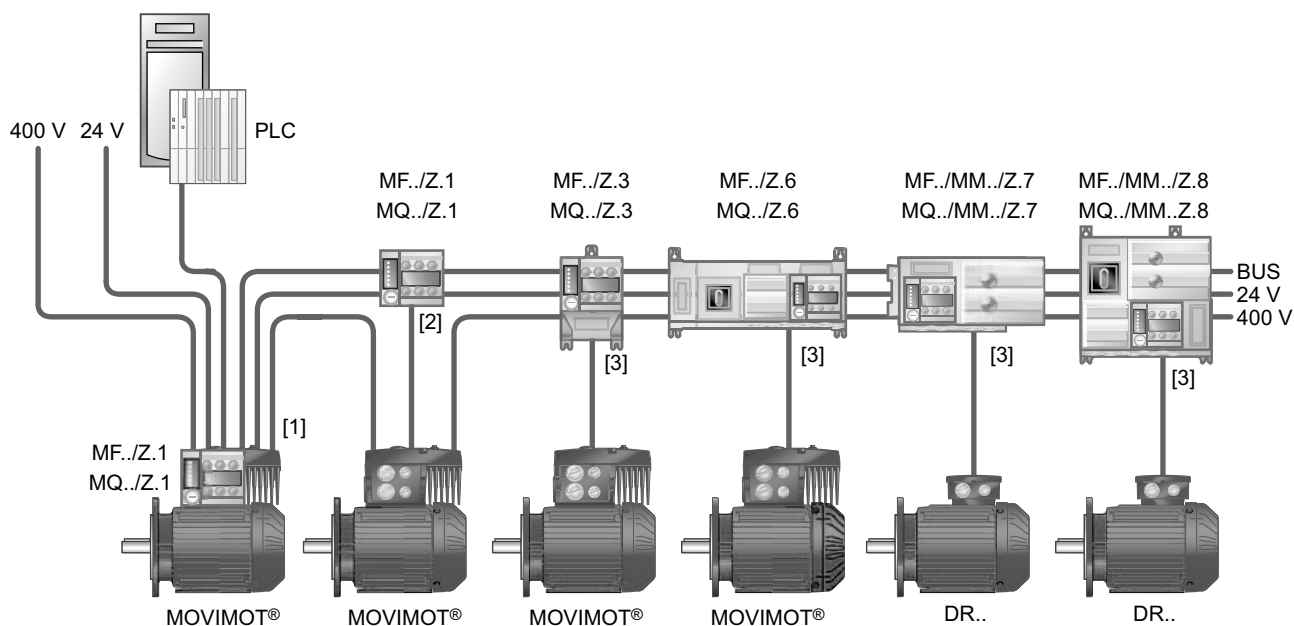
Type MQ.. fieldbus interfaces are based on the same housing and fieldbus technology as type MF.. fieldbus interfaces but are additionally equipped with an integrated control featuring the following functions:

- Programmable using IPOS^{plus}®
- Simple positioning with EI76 incremental encoder
- Integrated I/O preprocessing and timing elements
- Protocol modification



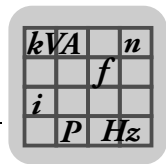
Installation topology

The following figure shows the installation topology of MOVIFIT® with fieldbus interfaces MF.. / MQ.. and field distributors:



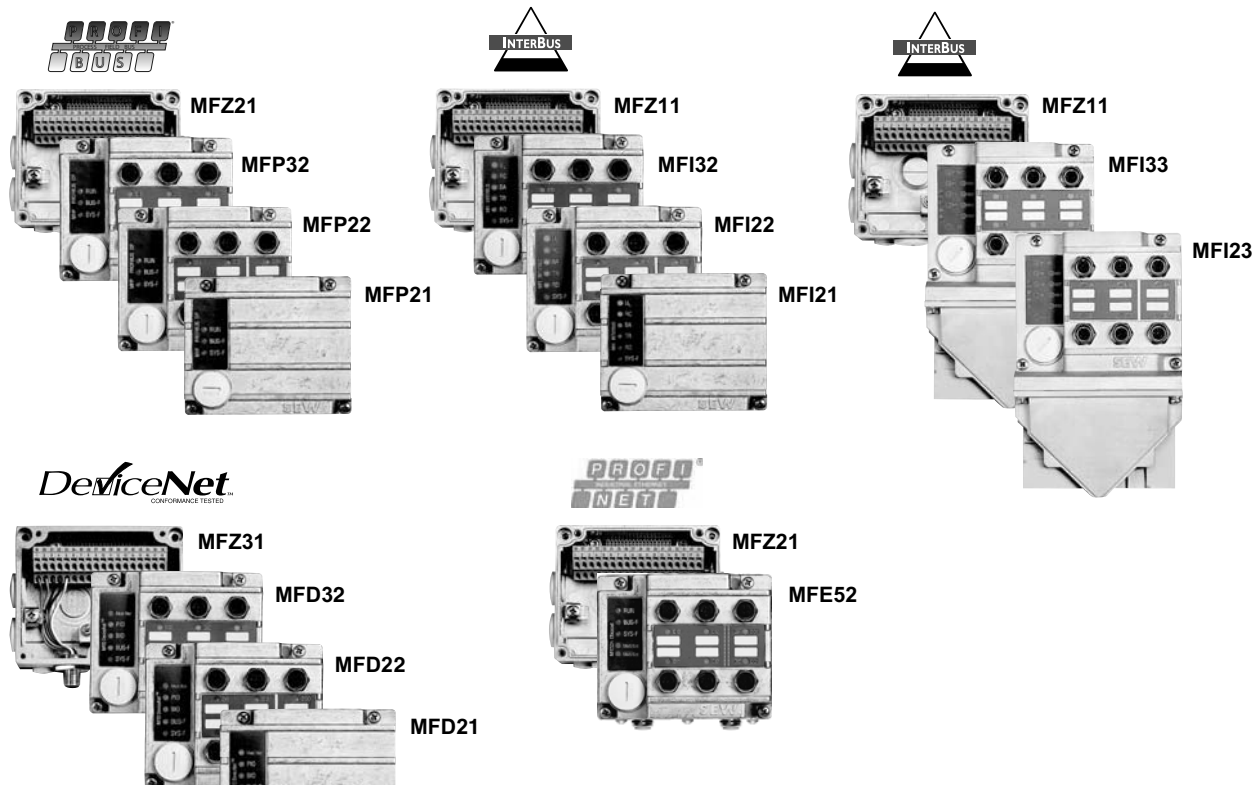
5068858507

- [1] Fieldbus interface of the drive
- [2] Fieldbus interface in the field
- [3] Fieldbus interface of the field distributor



14.7.2 MF../Z.1 fieldbus interfaces

The following figure shows the dimensions of the fieldbus interface MF../Z.1:

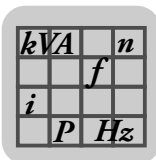


9007200668249483

PROFIBUS variants

The following figure shows the PROFIBUS variants of the fieldbus interface MF../Z.1:

Module type	MFP21D	MFP22D	MFP32D
Part number	823 624 0	823 625 9	823 626 7
Connection technology	Terminals	M12 and terminals	M12 and terminals
Sensors/actuators			
Binary inputs	4	4	6
Binary outputs	2	2	0
Associated module carrier	MFZ21D or MFZ21D/AVT2/AWT2		
Part number	823 627 5 or 824 299 2		
Fieldbus connection technology	Terminals or M12 plug connectors		
Module + module carrier	MFP21D/Z21D..	MFP22D/Z21D..	MFP32D/Z21D..



INTERBUS variants

The following figure shows the INTERBUS variants of the fieldbus interface MF../Z.1:

Module type	MFI21A	MFI22A	MFI32A
Part number	823 526 0	823 527 9	823 528 7
Connection technology	Terminals	M12 and terminals	M12 and terminals
Sensors/actuators			
Binary inputs	4	4	6
Binary outputs	2	2	0
Associated module carrier	MFZ11A		
Part number	823 514 7		
Fieldbus connection technology	Terminals		
Module + module carrier	MFI21A/Z11A	MFI22A/Z11A	MFI32A/Z11A

INTERBUS variants with fiber optic cable and Rugged Line connector (Phoenix Contact)

The following figure shows the INTERBUS variants with fiber optic cable of the fieldbus interface MF../Z.1:

Module type	MFI23F	MFI33F
Part number	824 335 2	824 336 0
Connection technology	FO (via Rugged Line connector)	
Sensors/actuators	M12 and terminals	
Binary inputs	4	6
Binary outputs	2	0
Associated module carrier	MFZ11A	
Part number	823 514 7	
Module + module carrier	MFI23F/Z11A	MFI33F/Z11A

PROFINET IO variant

The following figure shows the PROFINET I/O variant of the fieldbus interface MF../Z.1:

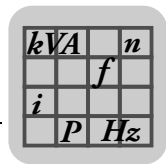
Module type	MFE52A
Part number	1 824 137 9
Connection technology	
Fieldbus	M12, D-coded
Sensors/actuators	M12 and terminals
Binary inputs	4 or 6 ¹⁾
Binary outputs	2 or 0 ¹⁾
Associated module carrier	MFZ21D
Part number	823 627 5
Module + module carrier	MFE52A/Z21D

1) Startup configuration: 4 DI and 2 DO or 6 DI and 0 DO

DeviceNet variants

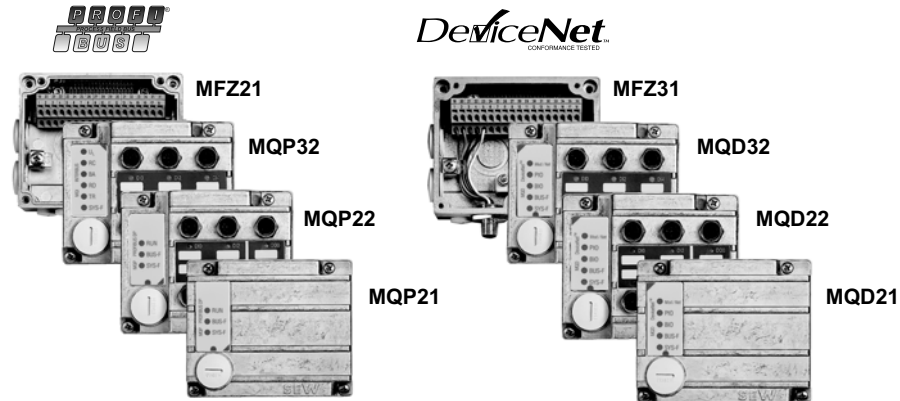
The following figure shows the DeviceNet variants of the fieldbus interface MF../Z.1:

Module type	MFD21A	MFD22A	MFD32A
Part number	823 551 1	823 552 X	823 553 8
Connection technology	Terminals	M12 and terminals	M12 and terminals
Sensors/actuators			
Binary inputs	4	4	6
Binary outputs	2	2	0
Associated module carrier	MFZ31A		
Part number	823 548 1		
Fieldbus connection technology	Micro-style connector		
Module + module carrier	MFD21A/Z31A	MFD22A/Z31A	MFD32A/Z31A



14.7.3 MQ../Z.1 fieldbus interfaces

The following figure shows the variants of the fieldbus interface MQ../Z.1:



18014399923590411

PROFIBUS variants

The following figure shows the PROFIBUS variants of the fieldbus interface MQ../Z.1:

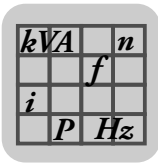
Module type	MQP21D	MQP22D	MQP32D
Part number	824 190 2	824 191 0	824 192 9
Connection technology	Terminals	M12 and terminals	M12 and terminals
Sensors/actuators			
Binary inputs	4	4	6
Binary outputs	2	2	0
Associated module carrier	MFZ21D or MFZ21D/AVT2/AWT2		
Part number	823 627 5 or 824 299 2		
Fieldbus connection technology	Terminals or M12 plug connectors		
Module + module carrier	MQP21D/Z21D..	MQP22D/Z21D..	MQP32D/Z21D..

14

DeviceNet variants

The following figure shows the DeviceNet variants of the fieldbus interface MQ../Z.1:

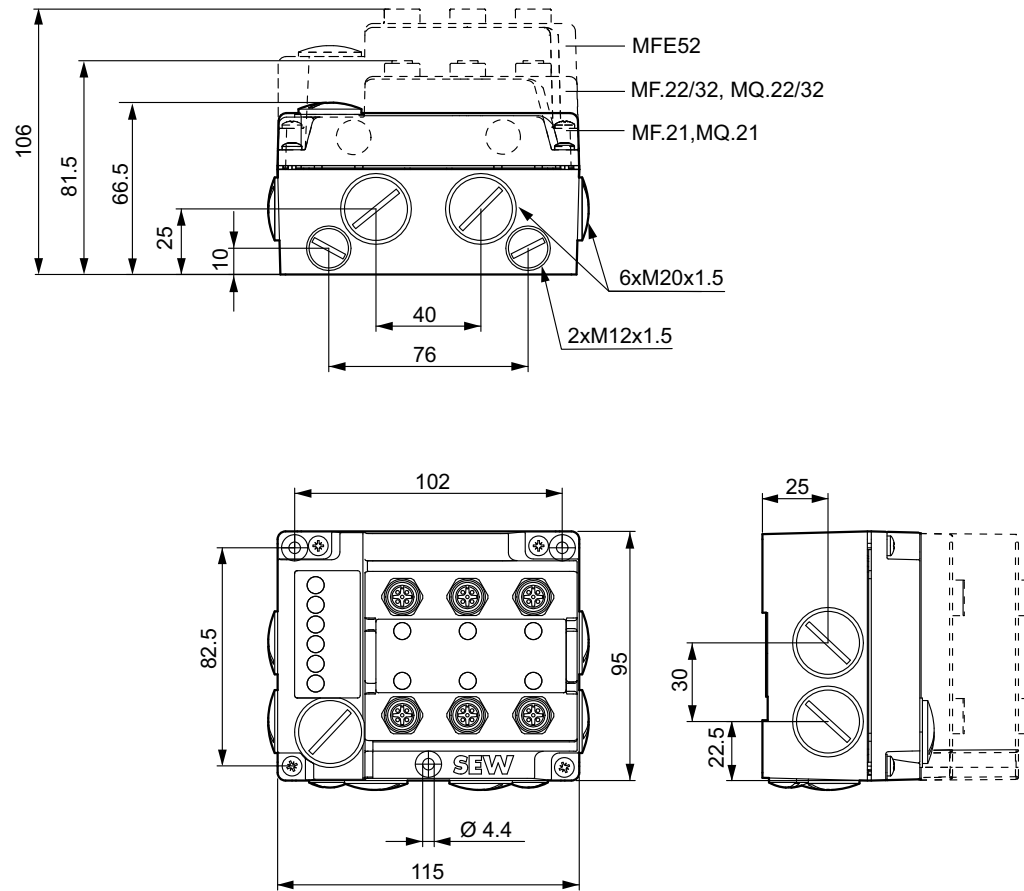
Module type	MQD21A	MQD22A	MQD32A
Part number	824 200 3	824 201 1	824 202 X
Connection technology	Terminals	M12 and terminals	M12 and terminals
Sensors/actuators			
Binary inputs	4	4	6
Binary outputs	2	2	0
Associated module carrier	MFZ31A		
Part number	823 548 1		
Fieldbus connection technology	Micro-style connector		
Module + module carrier	MQD21A/Z31A	MQD22A/Z31A	MQD32A/Z31A



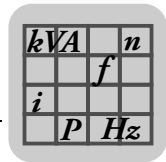
14.7.4 Dimension drawings MF../Z.1, MQ../Z.1 fieldbus interfaces

Dimension sheet
fieldbus interfaces
MF../MQ..

The following figure shows the dimensions of the fieldbus interface MF../MQ.. :

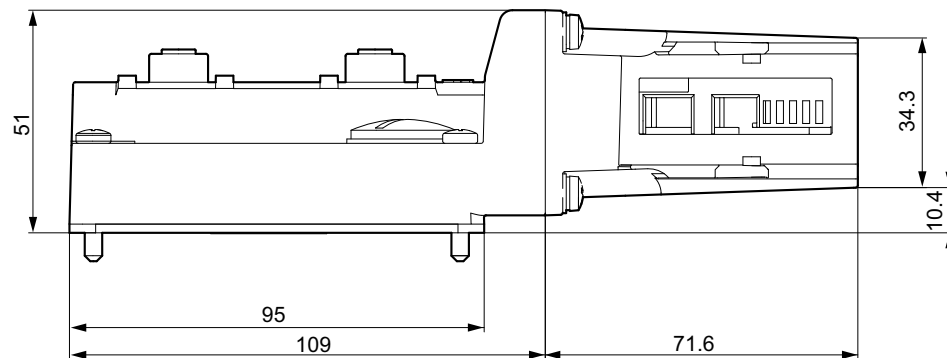
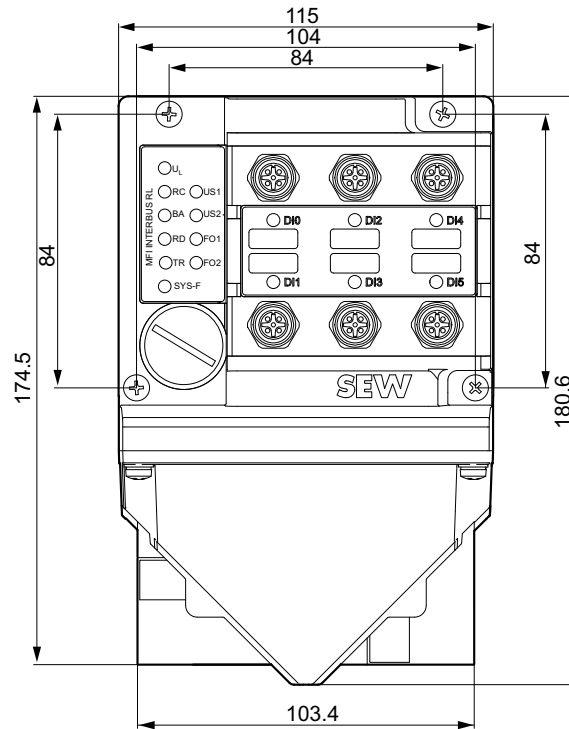


9007200670406923

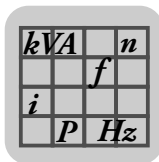


Dimension drawing
of MFI23/MFI33
fieldbus interface
with Rugged Line
connection

The following figure shows the dimensions of the fieldbus interface MFI23/MFI33:



1415668491



15 Address Directory

Germany			
Headquarters Production Sales	Bruchsal	SEW-EURODRIVE GmbH & Co KG Ernst-Blickle-Straße 42 D-76646 Bruchsal P.O. Box Postfach 3023 • D-76642 Bruchsal	Tel. +49 7251 75-0 Fax +49 7251 75-1970 http://www.sew-eurodrive.de sew@sew-eurodrive.de
	Bruchsal	SEW-EURODRIVE GmbH & Co KG Christian-Pähr-Str.10 D-76646 Bruchsal	Tel. +49 7251 75-0 Fax +49 7251 75-2970
	Graben	SEW-EURODRIVE GmbH & Co KG Ernst-Blickle-Straße 1 D-76676 Graben-Neudorf P.O. Box Postfach 1220 • D-76671 Graben-Neudorf	Tel. +49 7251 75-0 Fax +49 7251 75-2970
	Östringen	SEW-EURODRIVE GmbH & Co KG, Werk Östringen Franz-Gurk-Straße 2 D-76684 Östringen	Tel. +49 7253 9254-0 Fax +49 7253 9254-90 oesstringen@sew-eurodrive.de
Service Competence Center	Mechanics / Mechatronics	SEW-EURODRIVE GmbH & Co KG Ernst-Blickle-Straße 1 D-76676 Graben-Neudorf	Tel. +49 7251 75-1710 Fax +49 7251 75-1711 sc-mitte@sew-eurodrive.de
	Electronics	SEW-EURODRIVE GmbH & Co KG Ernst-Blickle-Straße 42 D-76646 Bruchsal	Tel. +49 7251 75-1780 Fax +49 7251 75-1769 sc-elektronik@sew-eurodrive.de
Drive Technology Center	North	SEW-EURODRIVE GmbH & Co KG Alte Ricklinger Straße 40-42 D-30823 Garbsen (near Hannover)	Tel. +49 5137 8798-30 Fax +49 5137 8798-55 sc-nord@sew-eurodrive.de
	East	SEW-EURODRIVE GmbH & Co KG Dänkritzer Weg 1 D-08393 Meerane (near Zwickau)	Tel. +49 3764 7606-0 Fax +49 3764 7606-30 sc-ost@sew-eurodrive.de
	South	SEW-EURODRIVE GmbH & Co KG Domagkstraße 5 D-85551 Kirchheim (near München)	Tel. +49 89 909552-10 Fax +49 89 909552-50 sc-sued@sew-eurodrive.de
	West	SEW-EURODRIVE GmbH & Co KG Siemensstraße 1 D-40764 Langenfeld (near Düsseldorf)	Tel. +49 2173 8507-30 Fax +49 2173 8507-55 sc-west@sew-eurodrive.de
	Drive Service Hotline / 24 Hour Service		+49 800 SEWHELP +49 800 7394357
Technical Offices	Augsburg	SEW-EURODRIVE GmbH & Co KG August-Wessels-Straße 27 D-86156 Augsburg	Tel. +49 821 22779-10 Fax +49 821 22779-50 tb-augsburg@sew-eurodrive.de
	Berlin	SEW-EURODRIVE GmbH & Co KG Lilienthalstraße 3a D-12529 Schönefeld	Tel. +49 306331131-30 Fax +49 306331131-36 tb-berlin@sew-eurodrive.de
	Bodensee	SEW-EURODRIVE GmbH & Co KG Dornierstraße 4 D-88677 Markdorf	Tel. +49 7544 96590-90 Fax +49 7544 96590-99 tb-bodensee@sew-eurodrive.de
	Bremen	SEW-EURODRIVE GmbH & Co KG Bornstr.19 ... 22 D-28195 Bremen	Tel. +49 421 33918-10 Fax +49 421 33918-22 tb-bremen@sew-eurodrive.de
	Dortmund	SEW-EURODRIVE GmbH & Co KG Hildastraße 8 D-44145 Dortmund	Tel. +49 231 229028-10 Fax +49 231 229028-20 tb-dortmund@sew-eurodrive.de



Germany			
Dresden	SEW-EURODRIVE GmbH & Co KG Hauptstraße 32 D-01445 Radebeul	Tel. +49 351 26338-0 Fax +49 351 26338-38 tb-dresden@sew-eurodrive.de	
Erfurt	SEW-EURODRIVE GmbH & Co KG Dubliner Straße 12 D-99091 Erfurt	Tel. +49 361 21709-70 Fax +49 361 21709-79 tb-erfurt@sew-eurodrive.de	
Güstrow	SEW-EURODRIVE GmbH & Co KG Am Gewerbegrund 3 D-18273 Güstrow P.O. Box Postfach 1216 • D-18262 Güstrow	Tel. +49 3843 8557-80 Fax +49 3843 8557-88 tb-guestrow@sew-eurodrive.de	
Hamburg	SEW-EURODRIVE GmbH & Co KG Bramfelder Straße 119 D-22305 Hamburg	Tel. +49 40 298109-60 Fax +49 40 298109-70 tb-hamburg@sew-eurodrive.de	
Hannover/Garbsen	SEW-EURODRIVE GmbH & Co KG Alte Ricklinger Str.40-42 D-30823 Garbsen P.O. Box Postfach 1104 53 • D-30804 Garbsen	Tel. +49 5137 8798-10 Fax +49 5137 8798-50 tb-hannover@sew-eurodrive.de	
Heilbronn	SEW-EURODRIVE GmbH & Co KG Zeppelinstraße 7 D-74357 Bönningheim	Tel. +49 7143 8738-0 Fax +49 7143 8738-25 tb-heilbronn@sew-eurodrive.de	
Herford	SEW-EURODRIVE GmbH & Co KG Göbenstraße 3 – 7 32052 Herford	Tel. +49 5221 9141-0 Fax +49 5221 9141-20 tb-herford@sew-eurodrive.de	
Karlsruhe	SEW-EURODRIVE GmbH & Co KG Ettlinger Weg 2 D-76467 Bietigheim P.O. Box Postfach 43 • D-76463 Bietigheim	Tel. +49 7245 9190-10 Fax +49 7245 9190-20 tb-karlsruhe@sew-eurodrive.de	
Kassel	SEW-EURODRIVE GmbH & Co KG Lange Straße 14 D-34253 Lohfelden	Tel. +49 561 95144-80 Fax +49 561 95144-90 tb-kassel@sew-eurodrive.de	
Koblenz	SEW-EURODRIVE GmbH & Co KG Bahnstraße 17a D-56743 Mendig	Tel. +49 2652 9713-30 Fax +49 2652 9713-40 tb-koblenz@sew-eurodrive.de	
Lahr	SEW-EURODRIVE GmbH & Co KG Europastraße 3/1 D-77933 Lahr / Schwarzwald	Tel. +49 7821 90999-60 Fax +49 7821 90999-79 tb-lahr@sew-eurodrive.de	
Langenfeld	SEW-EURODRIVE GmbH & Co KG Siemensstraße 1 D-40764 Langenfeld	Tel. +49 2173 8507-10 Fax +49 2173 8507-50 tb-langenfeld@sew-eurodrive.de	
Magdeburg	SEW-EURODRIVE GmbH & Co KG Breiteweg 53 D-39179 Barleben	Tel. +49 39203 7577-1 Fax +49 39203 7577-9 tb-magdeburg@sew-eurodrive.de	
Mannheim	SEW-EURODRIVE GmbH & Co KG Besselstraße 26 D-68219 Mannheim	Tel. +49 621 71683-10 Fax +49 621 71683-22 tb-mannheim@sew-eurodrive.de	
München	SEW-EURODRIVE GmbH & Co KG Domagkstraße 5 D-85551 Kirchheim	Tel. +49 89 90955-110 Fax +49 89 90955-150 tb-muenchen@sew-eurodrive.de	
Münster	SEW-EURODRIVE GmbH & Co KG Hafenplatz 4 D-48155 Münster	Tel. +49 251 41475-11 Fax +49 251 41475-50 tb-muenster@sew-eurodrive.de	



Germany			
	Nürnberg	SEW-EURODRIVE GmbH & Co KG Plattenäckerweg 6 D-90455 Nürnberg	Tel. +49 911 98884-50 Fax +49 911 98884-60 tb-nuernberg@sew-eurodrive.de
	Regensburg	SEW-EURODRIVE GmbH & Co KG Im Gewerbepark A15 D-93059 Regensburg	Tel. +49 941 46668-68 Fax +49 941 46668-66 tb-regensburg@sew-eurodrive.de
	Rhein-Main	SEW-EURODRIVE GmbH & Co KG Niederstedter Weg 5 D-61348 Bad Homburg	Tel. +49 6172 9617-0 Fax +49 6172 9617-50 tb-rheinmain@sew-eurodrive.de
	Stuttgart	SEW-EURODRIVE GmbH & Co KG Friedrich-List-Straße 46 D-70771 Leinfelden-Echterdingen	Tel. +49 711 16072-0 Fax +49 711 16072-72 tb-stuttgart@sew-eurodrive.de
	Ulm	SEW-EURODRIVE GmbH & Co KG Dieselstraße 14 D-89160 Dornstadt	Tel. +49 7348 9885-0 Fax +49 7348 9885-90 tb-ulm@sew-eurodrive.de
	Drive Center Würzburg	SEW-EURODRIVE GmbH & Co KG Nürnbergerstraße 118 D-97076 Würzburg-Lengfeld	Tel. +49 931 27886-60 Fax +49 931 27886-66 tb-wuerzburg@sew-eurodrive.de
	Zwickau / Meerane	SEW-EURODRIVE GmbH & Co KG Dänkritzter Weg1 D-08393 Meerane	Tel. +49 3764 7606-0 Fax +49 3764 7606-20 tb-zwickau@sew-eurodrive.de
France			
Production Sales Service	Hagenau	SEW-USOCOME 48-54 route de Soufflenheim B. P. 20185 F-67506 Hagenau Cedex	Tel. +33 3 88 73 67 00 Fax +33 3 88 73 66 00 http://www.usocom.com sew@usocom.com
Production	Forbach	SEW-USOCOME Zone industrielle Technopôle Forbach Sud B. P. 30269 F-57604 Forbach Cedex	Tel. +33 3 87 29 38 00
Assembly Sales Service	Bordeaux	SEW-USOCOME Parc d'activités de Magellan 62 avenue de Magellan - B. P. 182 F-33607 Pessac Cedex	Tel. +33 5 57 26 39 00 Fax +33 5 57 26 39 09
	Lyon	SEW-USOCOME Parc d'affaires Roosevelt Rue Jacques Tati F-69120 Vaulx en Velin	Tel. +33 4 72 15 37 00 Fax +33 4 72 15 37 15
	Nantes	SEW-USOCOME Parc d'activités de la forêt 4 rue des Fontenelles F-44140 Le Bignon	Tel. +33 2 40 78 42 00 Fax +33 2 40 78 42 20
	Paris	SEW-USOCOME Zone industrielle 2 rue Denis Papin F-77390 Verneuil l'Etang	Tel. +33 1 64 42 40 80 Fax +33 1 64 42 40 88
Technical Offices	Alsace	SEW-USOCOME 1 rue Auguste Gasser F-68360 Soultz	Tel. +33 3 89 74 51 62 Fax +33 3 89 76 58 71
	Aquitaine / Char- entes	SEW-USOCOME Parc d'activités de Magellan 62 avenue de Magellan - B.P.182 F-33607 Pessac Cedex	Tel. +33 5 57 26 39 08 Fax +33 5 57 26 39 09



France		
Auvergne / Limousin	SEW-USOCOME Farges F-19600 Chasteaux	Tel. +33 5 55 20 12 10 Fax +33 5 55 20 12 11
Lower Normandy	SEW-USOCOME 5 rue de la Limare F-14250 Brouay	Tel. +33 2 31 37 92 86 Fax +33 2 31 74 68 15
Burgundy	SEW-USOCOME 10 rue de la poste F-71350 Saint Loup Géanges	Tel. +33 3 85 49 92 18 Fax +33 3 85 49 92 19
Brittany	SEW-USOCOME Parc d'activités de la forêt 4 rue des Fontenelles F-44140 Le Bignon	Tel. +33 2 40 78 42 04 Fax +33 2 40 78 42 20
Centre / Poitou	SEW-USOCOME Parc d'activités de la forêt 4 rue des Fontenelles F-44140 Le Bignon	Tel. +33 2 40 78 42 11 Fax +33 2 40 78 42 20
Champagne-Ardenne	SEW-USOCOME 2 rue des Sénardes F-10000 Troyes	Tel. +33 3 25 79 63 24 Fax +33 3 25 79 63 25
Franche-Comté	SEW-USOCOME Chemin des saules F-25870 Venise	Tel. +33 3 81 60 20 47 Fax +33 3 81 87 75 93
Île-de-France East / Aisne	SEW-USOCOME 20 rue Félix Faure F-02100 Saint Quentin	Tel. +33 3 23 62 81 24 Fax +33 3 23 62 81 44
Île-de-France North / Picardy	SEW-USOCOME 25bis rue Kléber F-92300 Levallois Perret	Tel. +33 1 41 05 92 74 Fax +33 1 41 05 92 75
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Lorraine / Alsace North	SEW-USOCOME 1 rue de la forêt F-54250 Champigneulle	Tel. +33 3 83 96 28 04 Fax +33 3 83 96 28 07
Midi-Pyrénées / Roussillon	SEW-USOCOME 179 route de Grazac F-31190 Caujac	Tel. +33 5 61 08 15 85 Fax +33 5 61 08 16 44
Nord-Pas-de-Calais	SEW-USOCOME 209 route d'Hesdigneul F-62360 Hesdin l'Abbé	Tel. +33 3 21 10 86 86 Fax +33 3 21 10 86 87
Paris / Île-de-France West	SEW-USOCOME 42 avenue Jean Jaurès F-78580 Maule	Tel. +33 1 30 90 89 86 Fax +33 1 30 90 93 15
Pays de la Loire	SEW-USOCOME Parc d'activités de la forêt 4 rue des Fontenelles F-44140 Le Bignon	Tel. +33 2 40 78 42 03 Fax +33 2 40 78 42 20
Provence-Alpes-Côte d'Azur	SEW-USOCOME Le Clos Montolivet 9 impasse Bounin – Bât. A F-13012 Marseille	Tel. +33 4 91 18 00 11 Fax +33 4 91 18 00 12
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Algeria			
Sales	Algiers	REDUCOM Sarl 16, rue des Frères Zaghroune Bellevue 16200 El Harrach Alger	Tel. +213 21 8214-91 Fax +213 21 8222-84 info@reducom-dz.com http://www.reducom-dz.com
Argentina			
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Mining	Mendoza	SEW EURODRIVE ARGENTINA S.A.	Tel. +54 261-430-0060 mineria@sew-eurodrive.com.ar http://www.sew-eurodrive.com.ar
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Service Compe- tence Center	Industrial Gears	SEW-EURODRIVE n.v./s.a. Rue de Parc Industriel, 31 BE-6900 Marche-en-Famenne	Tel. +32 84 219-878 Fax +32 84 219-879 http://www.sew-eurodrive.be service-wallonie@sew-eurodrive.be
Brazil			
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Cameroon			
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	Vancouver	SEW-EURODRIVE CO. OF CANADA LTD. Tilbury Industrial Park 7188 Honeyman Street Delta, BC V4G 1G1	Tel. +1 604 946-5535 Fax +1 604 946-2513 b.wake@sew-eurodrive.ca
	Montreal	SEW-EURODRIVE CO. OF CANADA LTD. 2555 Rue Leger Lasalle, PQ H8N 2V9	Tel. +1 514 367-1124 Fax +1 514 367-3677 a.peluso@sew-eurodrive.ca
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	Suzhou	SEW-EURODRIVE (Suzhou) Co., Ltd. 333, Suhong Middle Road Suzhou Industrial Park Jiangsu Province, 215021	Tel. +86 512 62581781 Fax +86 512 62581783 suzhou@sew-eurodrive.cn



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	Drive Service Hotline / 24 Hour Service	HOT-LINE +420 800 739 739 (800 SEW SEW)	Servis: Tel. +420 255 709 632 Fax +420 235 358 218 servis@sew-eurodrive.cz
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	Klatovy	SEW-EURODRIVE CZ s.r.o. Videňská 841 33901 Klatovy	Tel. +420 376 331 634 Fax +420 376 331 634 viktor.kubernat@sew-eurodrive.cz
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Egypt			
Sales Service	Cairo	Copam Egypt for Engineering & Agencies 33 El Hegaz ST, Heliopolis, Cairo	Tel. +20 2 22566-299 +1 23143088 Fax +20 2 22594-757 http://www.copam-egypt.com/ copam@datum.com.eg
Estonia			
Sales	Tallin	ALAS-KUUL AS Reti tee 4 EE-75301 Peetri küla, Rae vald, Harjumaa	Tel. +372 6593230 Fax +372 6593231 veiko.soots@alas-kuul.ee
Finland			
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	Vaasa	SEW-EURODRIVE OY Asemakatu 7 FIN-65100 Vaasa	Tel. +358 201 589-300 sew@sew.fi
	Kuopio	SEW-EURODRIVE OY Viestikatu 3 FIN-70600 Kuopio	Tel. +358 201 589-300 sew@sew.fi
Production Assembly	Karkkila	SEW Industrial Gears Oy Valurinkatu 6, PL 8 FI-03600 Karkkila, 03601 Karkkila	Tel. +358 201 589-300 Fax +358 201 589-310 sew@sew.fi http://www.sew-eurodrive.fi
Gabon			
Sales	Libreville	ESG Electro Services Gabun Feu Rouge Lalala 1889 Libreville Gabun	Tel. +241 741059 Fax +241 741059 esg_services@yahoo.fr
Great Britain			
Assembly Sales Service	Normanton	SEW-EURODRIVE Ltd. Beckbridge Industrial Estate Normanton West Yorkshire WF6 1QR	Tel. +44 1924 893-855 Fax +44 1924 893-702 http://www.sew-eurodrive.co.uk info@sew-eurodrive.co.uk
	Drive Service Hotline / 24 Hour Service		Tel. 01924 896911
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Greece			
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Technical Office	Thessaloniki	Christ. Boznos & Son S.A. Asklipiou 26 562 24 Evosmos, Thessaloniki	Tel. +30 2 310 7054-00 Fax +30 2 310 7055-15 info@boznos.gr
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Iceland			
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	SEW-EURODRIVE India Private Limited LUNAWAT PRISM 4th Floor, S.No. 148 Opposite Wanaz Company, Besides Mega Mart At Neena Co-Operative Housing Society, Paud Road, Pune 411038 - Maharashtra	Tel. +91 20 25380730/735 Fax +91 20 25380721 salespune@seweurodriveindia.com praveen.hosur@seweurodriveindia.com	
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		PT. Agrindo Putra Lestari Jl.Prof.DR.Latumenten no27/A Jakarta 11330	Tel: +62 21 63855588 Fax: +62 21 63853789 aplindo@indosat.net.id
		PT. Sentratek Adimitra Jln. Krekot Jaya Molek Block D No. 12A Jakarta 10710	Tel: +62 21 3865504 / +62 21 3865505 / +62 21 3507178 Fax: +62 21 34833170 sew@adimitra.com
	Medan	PT. Serumpun Indah Lestari Pulau Solor no. 8, Kawasan Industri Medan II Medan 20252	Tel. +62 61 687 1221 Fax +62 61 6871429 / +62 61 6871458 / +62 61 30008041 sil@serumpunindah.com serumpunindah@yahoo.com
	Surabaya	PT. TRIAGRI JAYA ABADI Jl. Sukosemolo No. 63, Galaxi Bumi Permai G6 No. 11 Surabaya 60122	Tel: +62 31 5990128 Fax: +62 31 5962666 triagri@indosat.net.id
		CV. Multi Mas Jl. Raden Saleh 43A Kav. 18 Surabaya 60174	Tel: +62 31 5458589 / +62 31 5317224 Fax: +62 31 5317220 / +62 31 5994629 sianhwa@sby.centrin.net.id
Ireland			
Sales Service	Dublin	Alpert Engineering Ltd. 48 Moyle Road Dublin Industrial Estate Glasnevin, Dublin 11	Tel. +353 1 830-6277 Fax +353 1 830-6458 info@alperton.ie http://www.alperton.ie
Israel			
Sales	Tel-Aviv	Liraz Handasa Ltd. Ahofer Str 34B / 228 58858 Holon	Tel. +972 3 5599511 Fax +972 3 5599512 http://www.liraz-handasa.co.il office@liraz-handasa.co.il
Italy			
Assembly Sales Service	Solaro	SEW-EURODRIVE di R. Blicke & Co.s.a.s. Via Bernini,14 I-20020 Solaro (Milano)	Tel. +39 02 96 9801 Fax +39 02 96 799781 http://www.sew-eurodrive.it sewit@sew-eurodrive.it
Technical Offices	Bologna	SEW-EURODRIVE di R. Blicke & Co.s.a.s. Via della Grafica, 47 I-40064 Ozzano dell'Emilia (Bo)	Tel. +39 051 65-23-801 Fax +39 051 796-595



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	Pescara	SEW-EURODRIVE di R. Blickle & Co.s.a.s. Viale Europa,132 I-65010 Villa Raspa di Spoltore (PE)	Tel. +39 085 41-59-427 Fax +39 085 41-59-643
	Torino	SEW-EURODRIVE di R. Blickle & Co.s.a.s. Filiale Torino c.so Unione Sovietica 612/15 - int. C I-10135 Torino	Tel. +39 011 3473780 Fax +39 011 3473783
	Verona	SEW-EURODRIVE di R. Blickle & Co.s.a.s. Via P. Sgulmero, 27/A I-37132 Verona	Tel. +39 045 89-239-11 Fax +39 045 97-6079
Ivory Coast			
Sales	Abidjan	SICA Société Industrielle & Commerciale pour l'Afrique 165, Boulevard de Marseille 26 BP 1173 Abidjan 26	Tel. +225 21 25 79 44 Fax +225 21 25 88 28 sicamot@aviso.ci
Japan			
Assembly Sales Service	Iwata	SEW-EURODRIVE JAPAN CO., LTD 250-1, Shimoman-no, Iwata Shizuoka 438-0818	Tel. +81 538 373811 Fax +81 538 373855 http://www.sew-eurodrive.co.jp sewjapan@sew-eurodrive.co.jp
Technical Offices	Fukuoka	SEW-EURODRIVE JAPAN CO., LTD. C-go, 5th-floor, Yakuin-Hiruzu-Bldg. 1-5-11, Yakuin, Chuo-ku Fukuoka, 810-0022	Tel. +81 92 713-6955 Fax +81 92 713-6860 sewkyushu@jasmine.ocn.ne.jp
	Osaka	SEW-EURODRIVE JAPAN CO., LTD. Higobashi Shimizu Bldg. 10th flor 1-3-7 Tosabori, Nishi-ku Osaka, 550-0001	Tel. +81 6 6444--8330 Fax +81 6 6444--8338 sewosaka@crocus.ocn.ne.jp
	Tokyo	SEW-EURODRIVE JAPAN CO., LTD. Omarimon Yusen Bldg. 13th floor 3-23-5 Nishinbashi, Minato-ku Tokyo 105-0003	Tel. +81 3 3239-0469 Fax +81 3 3239-0943 sewtokyo@basil.ocn.ne.jp
Kazakhstan			
Sales	Almaty	TOO "СЕВ-ЕВРОДРАЙВ" пр.Райымбека, 348 050061 г. Алматы Республика Казахстан	Тел. +7 (727) 334 1880 Факс +7 (727) 334 1881 http://www.sew-eurodrive.kz sew@sew-eurodrive.kz
Kenya			
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Lebanon			
Sales Lebanon	Beirut	Gabriel Acar & Fils sarl B. P. 80484 Bourj Hammoud, Beirut	Tel. +961 1 510 532 Fax +961 1 494 971 ssacar@inco.com.lb
		After Sales Service	service@medrives.com
Sales Jordan / Kuwait / Saudi Ara- bia / Syria	Beirut	Middle East Drives S.A.L. (offshore) Sin El Fil. B. P. 55-378 Beirut	Tel. +961 1 494 786 Fax +961 1 494 971 info@medrives.com http://www.medrives.com
		After Sales Service	service@medrives.com
Lithuania			
Sales	Alytus	UAB Irseva Statybininku 106C LT-63431 Alytus	Tel. +370 315 79204 Fax +370 315 56175 irmantas@irseva.lt http://www.sew-eurodrive.lt
Luxembourg			
Assembly Sales Service	Brussels	SEW-EURODRIVE n.v./s.a. Researchpark Haasrode 1060 Evenementenlaan 7 BE-3001 Leuven	Tel. +32 16 386-311 Fax +32 16 386-336 http://www.sew-eurodrive.lu info@sew-eurodrive.be
Macedonia			
Sales	Skopje	Boznos DOOEL Dime Anicin 2A/7A 1000 Skopje	Tel. +389 23256553 Fax +389 23256554 http://www.boznos.mk
Madagascar			
Sales	Antananarivo	Ocean Trade BP21bis. Andraharo Antananarivo. 101 Madagascar	Tel. +261 20 2330303 Fax +261 20 2330330 oceantrabp@moov.mg
Malaysia			
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	Kuala Lumpur	SEW-EURODRIVE Sdn. Bhd. No. 2, Jalan Anggerik Mokara 31/46 Kota Kemuning Seksyen 31 40460 Shah Alam Selangor Darul Ehsan	Tel. +60 3 5229633 Fax +60 3 5229622 sewsa@sew-eurodrive.com.my



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Mauritania			
Sales	Zouérat	AFRICOM - SARL En Face Marché Dumez P.B. 88 Zouérate	Tel. +222 45 44 50 19 Fax +222 45 44 03 14 contact@africom-sarl.com
Mexico			
Assembly Sales Service	Quéretaro	SEW-EURODRIVE MEXICO SA DE CV SEM-981118-M93 Tequisquiapan No. 102 Parque Industrial Quéretaro C.P. 76220 Quéretaro, México	Tel. +52 442 1030-300 Fax +52 442 1030-301 http://www.sew-eurodrive.com.mx scmexico@seweurodrive.com.mx
Morocco			
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Namibia			
Sales	Swakopmund	DB Mining & Industrial Services Einstein Street Strauss Industrial Park Unit1 Swakopmund	Tel. +264 64 462 738 Fax +264 64 462 734 sales@dbmining.in.na
Netherlands			
Assembly Sales Service	Rotterdam	SEW-EURODRIVE B.V. Industrieweg 175 NL-3044 AS Rotterdam Postbus 10085 NL-3004 AB Rotterdam	Tel. +31 10 4463-700 Fax +31 10 4155-552 Service: 0800-SEWHELP http://www.sew-eurodrive.nl info@sew-eurodrive.nl
New Zealand			
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	Christchurch	SEW-EURODRIVE NEW ZEALAND LTD. 10 Settlers Crescent, Ferryroad Christchurch	Tel. +64 3 384-6251 Fax +64 3 384-6455 sales@sew-eurodrive.co.nz
Technical Offices	Palmerston North	SEW-EURODRIVE NEW ZEALAND LTD. C/-Grant Shearman, RD 5, Aronui Road Palmerston North	Tel. +64 6 355-2165 Fax +64 6 355-2316 sales@sew-eurodrive.co.nz



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Norway			
Assembly Sales Service	Moss	SEW-EURODRIVE A/S Solgaard skog 71 N-1599 Moss	Tel. +47 69 24 10 20 Fax +47 69 24 10 40 http://www.sew-eurodrive.no sew@sew-eurodrive.no
Pakistan			
Sales	Karachi	Industrial Power Drives Al-Fatah Chamber A/3, 1st Floor Central Commercial Area, Sultan Ahmed Shah Road, Block 7/8, Karachi	Tel. +92 21 452 9369 Fax +92-21-454 7365 seweurodrive@cyber.net.pk
Peru			
Assembly Sales Service	Lima	SEW DEL PERU MOTORES REDUCTORES S.A.C. Los Calderos, 120-124 Urbanizacion Industrial Vulcano, ATE, Lima	Tel. +51 1 3495280 Fax +51 1 3493002 http://www.sew-eurodrive.com.pe sewperu@sew-eurodrive.com.pe
Philippines			
Sales	Luzon	Totaltech Corporation 5081-B C&L Mansion Filmore Ave. Cor. Fahr- enheit St. 1235 Makati City	Tel: +63 2 551-9265 / +63 2 551-9271 / +63 2 551-9378 Fax: +63 2 551-9273 totaltech89@gmail.com
	All Areas	P.T. Cerna Corporation 4137 Ponte St., Brgy. Sta. Cruz, Makati City 1205	Tel: +63 2 519 6214 Fax: +63 2 890 2802 mech_drive_sys@ptcerna.com
Poland			
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	Service	Tel. +48 42 6765332 / 42 6765343 Fax +48 42 6765346	Linia serwisowa Hotline 24H Tel. +48 602 739 739 (+48 602 SEW SEW) serwis@sew-eurodrive.pl
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	Bydgoszcz	SEW-EURODRIVE Polska Sp.z.o.o. ul. Fordońska 246 PL-85-959 Bydgoszcz	Tel. +48 52 3606590 Fax +48 52 3606591
	Gdańsk	SEW-EURODRIVE Polska Sp.z.o.o. ul. Galaktyczna 30A PL-80-299 Gdańsk	Tel. +48 58 762 70 00 Fax +48 58 762 70 09
	Poznan	SEW-EURODRIVE Polska Sp.z.o.o. ul. Romana Maya 1 PL-61-371 Poznań	Tel. +48 61 6465500 Fax +48 61 6465519



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Portugal			
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Service Competence Center	Lisboa	SEW-EURODRIVE, LDA. Núcleo Empresarial I de São Julião do Tojal Rua de Entremuros, 54 Fracção I P-2660-533 São Julião do Tojal	Tel. +351 21 958-0198 Fax +351 21 958-0245 esc.lisboa@sew-eurodrive.pt
Technical Office	Porto	SEW-EURODRIVE, LDA. Av. 25 de Abril, 68 4440-502 Valongo	Tel. +351 229 350 383 Fax +351 229 350 384 Tel. +351 9 32559110 esc.porto@sew-eurodrive.pt
Romania			
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Russia			
Assembly Sales Service	St. Petersburg	ZAO SEW-EURODRIVE P.O. Box 36 RUS-195220 St. Petersburg	Tel. +7 812 3332522 +7 812 5357142 Fax +7 812 3332523 http://www.sew-eurodrive.ru sew@sew-eurodrive.ru
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	Irkutsk	ZAO SEW-EURODRIVE 5-Armii Str., 31 RUS-664011 Irkutsk	Tel. +7 3952 25 5880 Fax +7 3952 25 5881 iso@sew-eurodrive.ru
	Moscow	ZAO SEW-EURODRIVE Malaja Semjonovskaja Str. д. 9, корпус 2 RUS-107023 Moskau	Tel. +7 495 9337090 Fax +7 495 9337094 mso@sew-eurodrive.ru
	Novosibirsk	ZAO SEW-EURODRIVE pr. K Marksa 30 RUS-630087 Novosibirsk	Tel. +7 383 3350200 Fax +7 383 3462544 nso@sew-eurodrive.ru
	Perm	ZAO SEW-EURODRIVE Stakhanovskaya str., 45 Office 512 RUS-614066 Perm	Tel. +7 342 2219494 Fax +7 342 2219444 pso@sew-eurodrive.ru
	Togliatti	ZAO SEW-EURODRIVE Sportivnaya Str. 4B, office 2 Samarskaya obl. RUS-445057 Togliatti	Tel. +7 8482 710529 Fax +7 8482 810590
Senegal			
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Singapore			
Assembly Sales Service	Singapore	SEW-EURODRIVE PTE. LTD. No 9, Tuas Drive 2 Jurong Industrial Estate Singapore 638644	Tel. +65 68621701 Fax +65 68612827 http://www.sew-eurodrive.com.sg sewsingapore@sew-eurodrive.com
Slovakia			
Sales	Bratislava	SEW-Eurodrive SK s.r.o. Rybničná 40 SK-831 06 Bratislava	Tel. +421 2 33595 202 Fax +421 2 33595 200 sew@sew-eurodrive.sk http://www.sew-eurodrive.sk
	Žilina	SEW-Eurodrive SK s.r.o. Industry Park - PChZ ulica M.R.Štefánika 71 SK-010 01 Žilina	Tel. +421 41 700 2513 Fax +421 41 700 2514 sew@sew-eurodrive.sk
	Banská Bystrica	SEW-Eurodrive SK s.r.o. Rudlovská cesta 85 SK-974 11 Banská Bystrica	Tel. +421 48 414 6564 Fax +421 48 414 6566 sew@sew-eurodrive.sk
	Košice	SEW-Eurodrive SK s.r.o. Slovenská ulica 26 SK-040 01 Košice	Tel. +421 55 671 2245 Fax +421 55 671 2254 sew@sew-eurodrive.sk
Slovenia			
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South Africa			
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	Cape Town	SEW-EURODRIVE (PROPRIETARY) LIMITED Rainbow Park Cnr. Racecourse & Omuramba Road Montague Gardens Cape Town P.O.Box 36556 Chempet 7442 Cape Town	Tel. +27 21 552-9820 Fax +27 21 552-9830 Telex 576 062 bgriffiths@sew.co.za
	Durban	SEW-EURODRIVE (PROPRIETARY) LIMITED 2 Monaco Place Pinetown Durban P.O. Box 10433, Ashwood 3605	Tel. +27 31 700-3451 Fax +27 31 700-3847 cdejager@sew.co.za
	Nelspruit	SEW-EURODRIVE (PTY) LTD. 7 Christie Crescent Vintonia P.O.Box 1942 Nelspruit 1200	Tel. +27 13 752-8007 Fax +27 13 752-8008 robermeyer@sew.co.za



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	Richards Bay	SEW-EURODRIVE PTY LTD. 103 Bulion Blvd Richards Bay P.O. Box 458 Richards Bay, 3900	Tel. +27 35 797-3805 Fax +27 35 797-3819 jswart@sew.co.za
South Korea			
Assembly Sales Service	Ansan	SEW-EURODRIVE KOREA CO., LTD. B 601-4, Banweol Industrial Estate #1048-4, Shingil-Dong, Danwon-Gu, Ansan-City, Kyunggi-Do Zip 425-839	Tel. +82 31 492-8051 Fax +82 31 492-8056 http://www.sew-korea.co.kr master.korea@sew-eurodrive.com
	Busan	SEW-EURODRIVE KOREA Co., Ltd. No. 1720 - 11, Songjeong - dong Gangseo-ku Busan 618-270	Tel. +82 51 832-0204 Fax +82 51 832-0230 master@sew-korea.co.kr
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	Daejeon	SEW-EURODRIVE KOREA Co., Ltd. No. 1502, Hongin officetel 536-9, Bongmyung-dong, Yusung-ku Daejeon 305-301	Tel. +82 42 828-6461 Fax +82 42 828-6463
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Spain			
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Sweden			
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Technical Offices	Rhaetian Switzerland	André Gerber Es Perreyres CH-1436 Chamblon	Tel. +41 24 445 3850 Fax +41 24 445 4887
	Bern / Solothurn	Rudolf Bühler Muntersweg 5 CH-2540 Grenchen	Tel. +41 32 652 2339 Fax +41 32 652 2331
	Central Switzerland, Aargau	Armin Pfister Stierenweid CH-4950 Huttwill, BE	Tel. +41 62 962 54 55 Fax +41 62 962 54 56
	Zürich, Ticino	Gian-Michele Muletta Fischerstrasse 61 CH-8132 Egg bei Zürich	Tel. +41 44 994 81 15 Fax +41 44 994 81 16
	Bodensee and East Switzerland	Markus Künzle Eichweg 4 CH-9403 Goldach	Tel. +41 71 845 2808 Fax +41 71 845 2809
Taiwan (R.O.C.)			
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	Taipei	Ting Shou Trading Co., Ltd. 6F-3, No. 267, Sec. 2 Tung Hwa South Road, Taipei	Tel. +886 2 27383535 Fax +886 2 27368268 Telex 27 245 sewtwn@ms63.hinet.net



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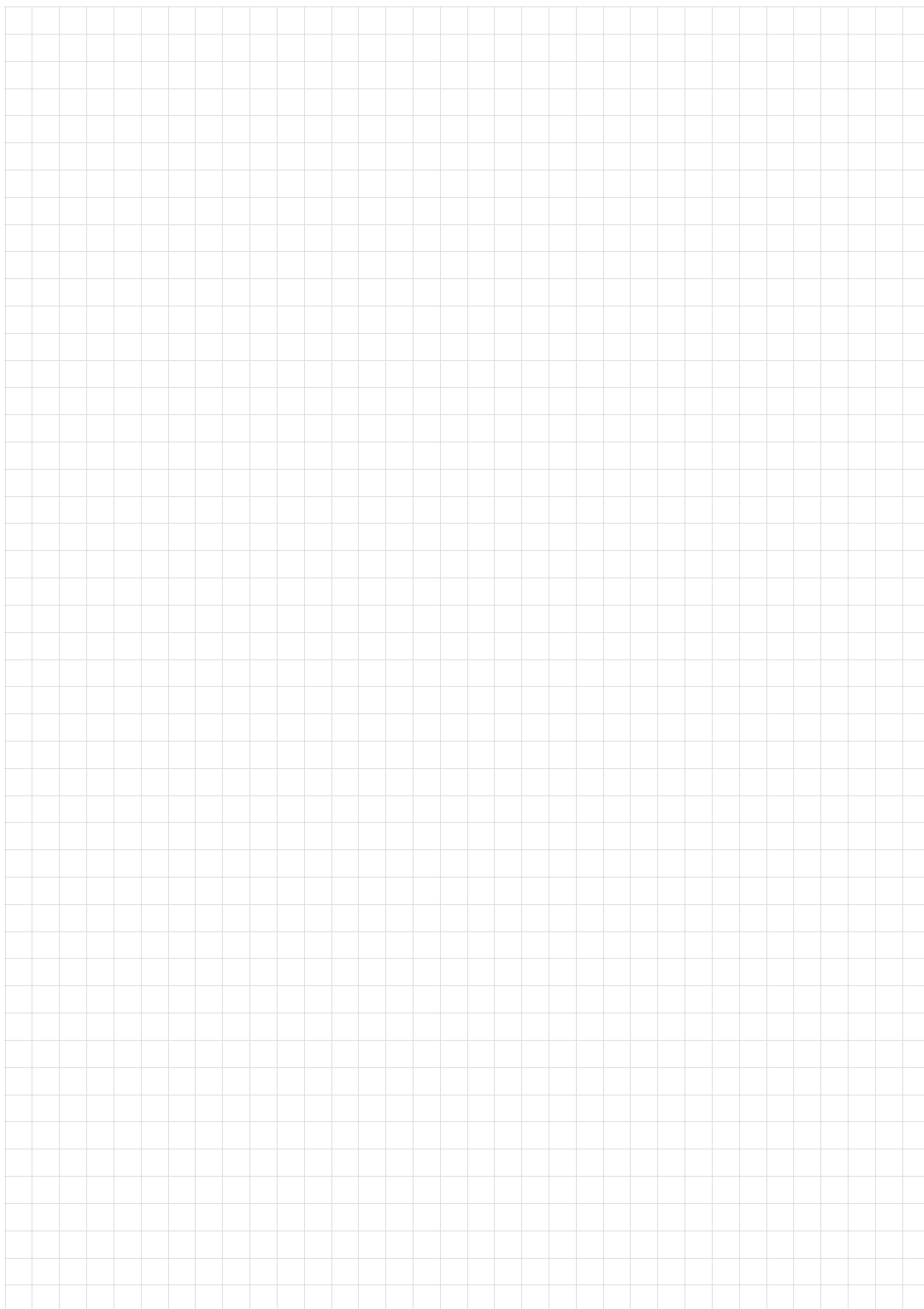
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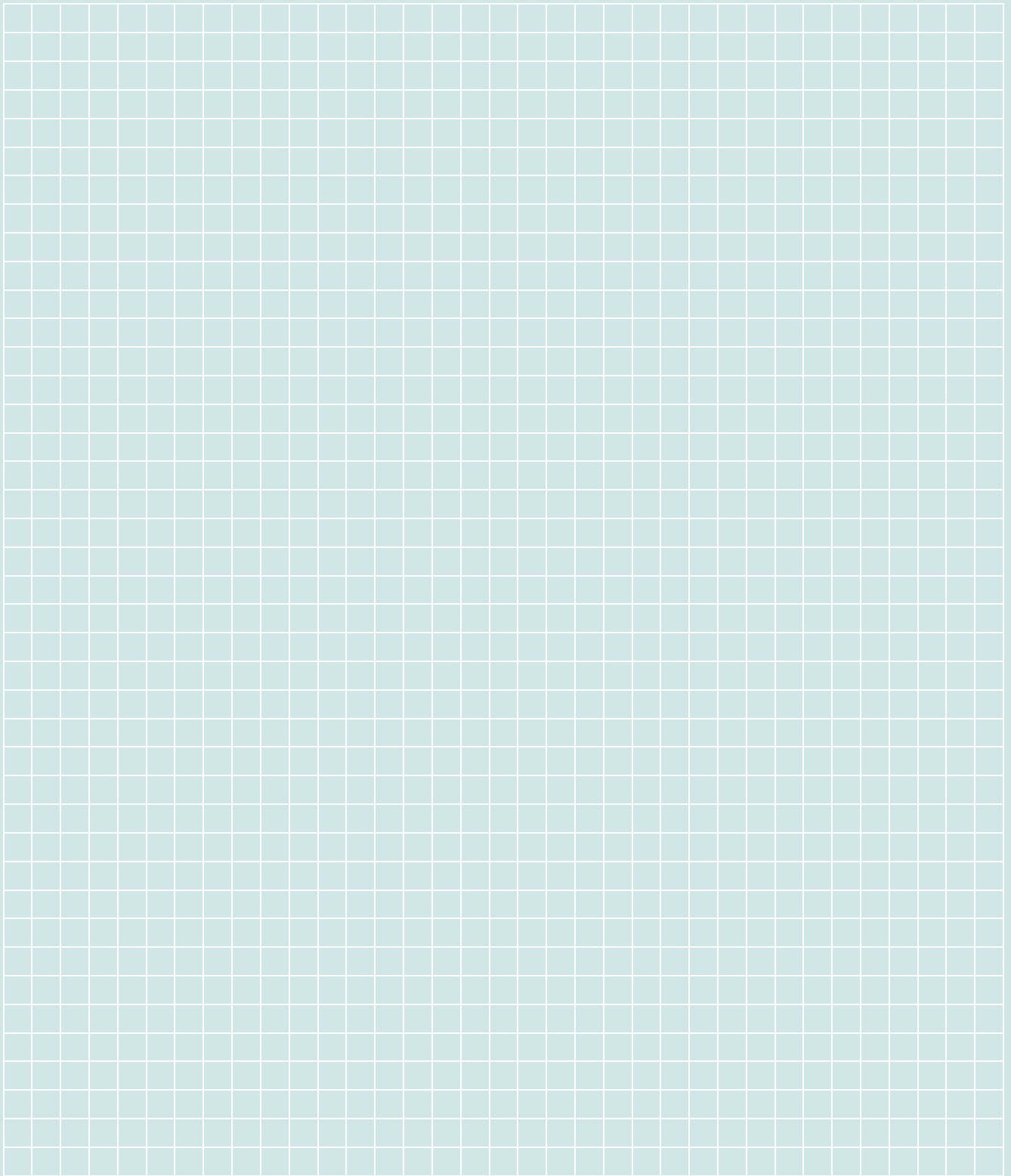


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Driving the world

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