SIMOTICS SD 1LE1 Standard Motors – Eagle Line

NEMA Energy Efficient MG1 motors, Table 12-11

Self-ventilated motors
Cast-iron series 1LE1521/1LE1621 Basic/Performance Line

IE2

Selection and ordering data

P_{rated}, 50 Hz	P_{rated}, 60 Hz	Frame size	Operating values at 60 Hz rated output: n_{rated}, 60 Hz	T_{rated}, 60 Hz	EISA CC No. CC032A	η rated, 60 Hz, 4/4	η rated, 60 Hz, 3/4	η rated, 60 Hz, 2/4	cos-φ_{rated}, 60 Hz, 4/4	I_{rated}, 60 Hz, 460 V	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	L_{pfA}, 60 Hz	L_{WA}, 60 Hz	Cast-iron series 1LE1521 – Basic Line 1LE1621 – Performance Line NEMA Energy Efficient version Order No.	$m_{IM\ B3}$	J	Torque class
kW	hp	FS	rpm	Nm		%	%	%		A				dB(A)	dB(A)	▲ New	kg	kgm²	CL
• Cooling: Self-ventilated (IC 411)																			
• Efficiency: NEMA Energy Efficient, UL, CSA and service factor (SF) 1.15 – for operation in the USA and Canada, not admissible for exporting to Mexico																			
• Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)																			
2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz																			
3	**4**	**100 L**	3520	8.1	–	87.5	87.3	86.2	0.83	5.2	2.6	8.1	3.8	71	83	▲ 1LE1■21-1AA4■-■■■■	32	0.0044	16
4	**5**	**112 M**	3565	9.9	✓	87.5	87.4	85.8	0.84	6.3	2.9	9.3	4.0	73	85	▲ 1LE1■21-1BA2■-■■■■	39	0.0092	16
5.5	**7.5**	**132 S**	3555	15	✓	88.5	88.3	88.1	0.86	9.1	2.0	7.6	3.3	72	84	▲ 1LE1■21-1CA0■-■■■■	57	0.020	16
7.5	**10**	**132 S**	3560	20	✓	89.5	89.6	89.6	0.87	12.1	2.3	8.2	3.6	72	84	▲ 1LE1■21-1CA1■-■■■■	61	0.024	16
11	**15**	**160 M**	3560	30	✓	90.2	89.6	87.8	0.86	17.8	2.4	8.2	3.6	77	89	▲ 1LE1■21-1DA2■-■■■■	96	0.045	16
15	**20**	**160 M**	3565	40	✓	90.2	89.9	88.0	0.87	24	2.8	8.4	3.9	77	89	▲ 1LE1■21-1DA3■-■■■■	104	0.053	16
18.5	**25**	**160 L**	3555	50	✓	91.0	90.5	89.4	0.87	29.5	3.3	8.9	4.1	77	89	▲ 1LE1■21-1DA4■-■■■■	113	0.061	16
22	**30**	**180 M**	3550	60	✓	91.0	91.0	89.6	0.86	36	3.0	8.4	4.1	71	85	▲ 1LE1■21-1EA2■-■■■■	145	0.069	16
30	**40**	**200 L**	3565	80	✓	91.7	91.2	89.6	0.86	44.5	2.9	7.7	3.8	75	89	▲ 1LE1■21-2AA4■-■■■■	200	0.13	16
37	**50**	**200 L**	3565	100	✓	92.4	92.1	91.0	0.87	58	3.3	8.1	3.8	75	89	▲ 1LE1■21-2AA5■-■■■■	225	0.15	16
45	**60**	**225 M**	3570	120	✓	93.0	92.7	91.3	0.88	69	3.1	8.7	3.8	75	89	▲ 1LE1■21-2BA2■-■■■■	295	0.23	16
55	**75**	**250 M**	3575	149	–	93.0	92.5	91.0	0.89	85	2.4	7.4	3.5	79	92	▲ 1LE1■21-2CA2■-■■■■	355	0.40	13
75	**100**	**280 S**	3580	199	–	93.6	92.9	91.1	0.87	115	2.8	7.7	3.5	79	93	▲ 1LE1■21-2DA0■-■■■■	490	0.71	13
90	**125**	**280 M**	3578	249	✓	94.5	94.2	93.1	0.88	141	2.7	7.6	3.4	79	93	▲ 1LE1■21-2DA2■-■■■■	530	0.83	13
110	**150**	**315 S**	3585	298	✓	94.5	94.0	92.5	0.90	165	2.6	7.7	3.3	81	95	▲ 1LE1■21-3AA0■-■■■■	720	1.3	13
132	**175**	**315 M**	3585	348	–	95.0	94.7	93.6	0.91	190	2.7	8.1	3.4	81	95	▲ 1LE1■21-3AA2■-■■■■	880	1.6	13
160	**200**	**315 L**	3585	397	✓	95.0	94.6	93.3	0.92	215	2.6	8.2	3.6	83	98	▲ 1LE1■21-3AA4■-■■■■	930	1.8	13
200	**250**	**315 L**	3585	497	✓	95.4	95.2	94.2	0.91	270	3.5	8.9	3.4	83	98	▲ 1LE1■21-3AA5■-■■■■	1130	2.2	13

	Relubrication	Motor protection	Fan cover	Bearing size	Converter-fed operation	Warranty	
Basic Line	Optional (standard from FS 280 upwards)	Optional	Plastic	62 (63 from FS 280 upwards)	Up to 460 V	12 months	5
Performance Line	Standard from FS 160 (optional for FS 100 ... 132)	Standard PTC	Steel	63	Up to 460 V	36 months	6

Voltages (≤ 600 V) [1]				No. of poles	Frame size	Motor type	Version			Order code(s)
50 Hz	230 VΔ/400 VY	60 Hz	460 VY	2	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	2	2	–
50 Hz	400 VΔ	60 Hz	460 VΔ	2	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	3	4	–
50 Hz	500 VY			2	100 L ... 315 L	1LE1■21-1A ... -3A	Without additional charge	2	7	–
50 Hz	500 VΔ			2	100 L ... 315 L	1LE1■21-1A ... -3A	Without additional charge	4	0	–
Further voltages		For add. charges, code numbers, order codes and descr., see suppl. and spec. versions.						9	0	. . .

Types of construction [2]		No. of poles	Frame size	Motor type	Version		Order code(s)
Without flange	IM B3 [3]	2	315 L > 200 hp	1LE1■21-3AA5	**Standard**	A	–
With flange	IM B5 [3]	2	100 L ... 315 M	1LE1■21-1A ... -3A	With additional charge	F	–
With standard flange	IM B14 [3]	2	100 L ... 160 L	1LE1■21-1A ... -1D	With additional charge	K	–
Further types of construction	For add. charges, code letters and descriptions, see suppl. and special versions.					■	. . .

Motor protection	Line	No. of poles	Frame size	Motor type	Version		Order code(s)
Without	Only possible for **Basic Line**	2	100 L ... 315 L	1LE1521-1A ... -3A	**Standard**	A	–
PTC thermistor with 3 temperature sensors	**Basic Line**	2	100 L ... 315 L	1LE1521-1A ... -3A	With additional charge	B	–
	Performance Line	2	100 L ... 315 L	1LE1621-1A ... -3A	**Standard**	B	–
Further motor protection	For add. charges, code letters and descriptions, see supplements and special versions.					■	. . .

Connection box position	No. of poles	Frame size	Motor type	Version		Order code(s)
Connection box at top	2	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	4	–
Further conn. box positions	For add. charges, code numbers and descriptions, see supplements and special versions.					

Special versions	No. of poles	Frame size	Motor type		Order code(s)
Options	For additional charges, order codes and descriptions, see supplements and special versions.			1LE1■21-. . . . ■-■■■■-Z	. . .+. . .+. . .+. . .

1) Operating voltages only ≤ 600 V admissible in accordance with MG1 Table 12-11.

2) Types of construction with feet are not possible for 2-pole, 4-pole and 6-pole motors ≤ 200 hp in accordance with MG1 Table 12-11.

3) Types derived from IM B5 (IM V3 and IM V1) and from IM B14 (IM V19 and IM V18) are possible, provided that no requirement exists for stamping of the type on the rating plate. The basic type IM B5 or IM B14 is stamped as standard on the rating plate. If mounted in a different position, the position must be specified to ensure that the condensation drainage holes are positioned correctly.

Selection and ordering data (continued)

Operating values at 60 Hz rated output

P_{rated}, 50 Hz	P_{rated}, 60 Hz	Frame size	n_{rated}, 60 Hz	T_{rated}, 60 Hz	EISA CC No. CC032A	η rated, 60 Hz, 4/4	η rated, 60 Hz, 3/4	η rated, 60 Hz, 2/4	cos-φ_{rated}, 60 Hz, 4/4	I_{rated}, 60 Hz, 460 V	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	L_{pfA}, 60 Hz	L_{WA}, 60 Hz	Cast-iron series 1LE1521 – Basic Line 1LE1621 – Performance Line NEMA Energy Efficient version Order No.	$m_{IM\ B3}$	J	Torque class
kW	hp	FS	rpm	Nm		%	%	%		A				dB(A)	dB(A)	▲ New	kg	kgm²	CL
• Cooling: Self-ventilated (IC 411)																			
• Efficiency: NEMA Energy Efficient, UL, CSA and service factor (SF) 1.15 – for operation in the USA and Canada, not admissible for exporting to Mexico																			
• Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)																			
4-pole: 1500 rpm at 50 Hz, 1800 rpm at 60 Hz																			
2.2	**3**	**100 L**	1760	12	–	87.5	87.5	86.5	0.78	4.05	2.5	8.1	3.9	62	74	▲ **1LE1■21-1AB4■-■■■■**	32	0.0086	16
3	**4**	**100 L**	1765	16	–	87.5	88.3	87.1	0.79	5.4	2.4	8.3	3.7	62	74	▲ **1LE1■21-1AB5■-■■■■**	37	0.011	16
4	**5**	**112 M**	1770	20	✓	87.5	87.0	86.0	0.77	6.9	3.0	8.7	4.0	62	74	▲ **1LE1■21-1BB2■-■■■■**	46	0.014	16
5.5	**7.5**	**132 S**	1770	30	✓	89.5	89.6	88.3	0.78	9.9	2.6	8.0	3.3	68	80	▲ **1LE1■21-1CB0■-■■■■**	61	0.027	16
7.5	**10**	**132 M**	1770	40	✓	89.5	90.3	89.5	0.82	12.8	2.7	8.0	3.4	68	80	▲ **1LE1■21-1CB2■-■■■■**	75	0.034	16
11	**15**	**160 M**	1775	59	✓	91.0	91.3	90.5	0.84	18.1	2.5	7.7	3.2	69	81	▲ **1LE1■21-1DB2■-■■■■**	96	0.065	16
15	**20**	**160 L**	1780	80	✓	91.0	90.7	89.9	0.84	24.5	2.6	8.5	3.4	69	81	▲ **1LE1■21-1DB4■-■■■■**	104	0.083	16
18.5	**25**	**180 M**	1770	101	✓	92.4	92.6	91.8	0.83	31	2.8	7.7	3.9	61	74	▲ **1LE1■21-1EB2■-■■■■**	160	0.12	16
22	**30**	**180 L**	1770	121	✓	92.4	92.5	91.8	0.83	36.5	3.0	8.4	3.9	62	74	▲ **1LE1■21-1EB4■-■■■■**	170	0.13	16
30	**40**	**200 L**	1778	160	✓	93.0	92.9	92.2	0.84	48	3.2	8.2	3.7	67	80	▲ **1LE1■21-2AB5■-■■■■**	230	0.20	16
37	**50**	**225 S**	1778	200	–	93.0	93.2	92.5	0.87	58	2.7	7.2	3.3	66	80	▲ **1LE1■21-2BB0■-■■■■**	280	0.42	16
45	**60**	**225 M**	1778	240	✓	93.6	93.8	93.1	0.86	70	3.0	7.6	3.5	67	80	▲ **1LE1■21-2BB2■-■■■■**	305	0.46	16
55	**75**	**250 M**	1785	299	–	94.1	94.1	93.3	0.84	89	3.1	7.3	3.3	66	80	▲ **1LE1■21-2CB2■-■■■■**	385	0.75	16
75	**100**	**280 S**	1788	398	–	94.5	94.3	93.2	0.87	114	2.7	7.6	3.2	73	87	▲ **1LE1■21-2DB0■-■■■■**	550	1.3	16
90	**125**	**280 M**	1788	498	✓	94.5	94.3	93.3	0.87	142	2.8	7.8	3.4	73	87	▲ **1LE1■21-2DB2■-■■■■**	570	1.4	16
110	**150**	**315 S**	1790	597	✓	95.0	94.8	93.8	0.86	172	3.1	7.6	3.2	74	88	▲ **1LE1■21-3AB0■-■■■■**	740	2.0	16
132	**175**	**315 M**	1790	697	–	95.0	94.8	94.0	0.86	200	3.1	7.8	3.2	74	88	▲ **1LE1■21-3AB2■-■■■■**	870	2.3	16
160	**200**	**315 L**	1790	796	✓	95.0	94.7	93.5	0.87	225	3.5	8.6	3.6	77	92	▲ **1LE1■21-3AB4■-■■■■**	940	2.8	16
200	**250**	**315 L**	1792	994	✓	95.0	94.7	93.6	0.86	285	4.3	9.3	3.9	78	92	▲ **1LE1■21-3AB5■-■■■■**	1140	3.5	16

	Relubrication	Motor protection	Fan cover	Bearing size	Converter-fed operation	Warranty	
Basic Line	Optional (standard from FS 280 upwards)	Optional	Plastic	62 (63 from FS 280 upwards)	Up to 460 V	12 months	5
Performance Line	Standard from FS 160 (optional for FS 100 ... 132)	Standard PTC	Steel	63	Up to 460 V	36 months	6

Voltages (≤ 600 V) [1]				No. of poles	Frame size	Motor type	Version			Order code(s)
50 Hz	230 VΔ/400 VY	60 Hz	460 VY	4	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	2	2	–
50 Hz	400 VΔ	60 Hz	460 VΔ	4	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	3	4	–
50 Hz	500 VY			4	100 L ... 315 L	1LE1■21-1A ... -3A	Without additional charge	2	7	–
50 Hz	500 VΔ			4	100 L ... 315 L	1LE1■21-1A ... -3A	Without additional charge	4	0	–
Further voltages		For add. charges, code numbers, order codes and descr., see suppl. and spec. versions.						9	0	. . .

Types of construction [2]			No. of poles	Frame size	Motor type	Version		Order code(s)
Without flange	IM B3 [3]		4	315 L > 200 hp	1LE1■21-3AB5	**Standard**	A	–
With flange	IM B5 [3]		4	100 L ... 315 M	1LE1■21-1A ... -3A	With additional charge	F	–
With standard flange	IM B14 [3]		4	100 L ... 160 L	1LE1■21-1A ... -1D	With additional charge	K	–
Further types of construction		For add. charges, code letters and descriptions, see supplements and special versions.					Z	. . .

Motor protection	Line	No. of poles	Frame size	Motor type	Version		Order code(s)
Without	Only possible for **Basic Line**	4	100 L ... 315 L	1LE1521-1A ... -3A	**Standard**	A	–
PTC thermistor with 3 temperature sensors	**Basic Line**	4	100 L ... 315 L	1LE1521-1A ... -3A	With additional charge	B	–
	Performance Line	4	100 L ... 315 L	1LE1621-1A ... -3A	**Standard**	B	–
Further motor protection	For additional charges, code letters and descriptions, see supplements and special versions.					Z	. . .

Connection box position	No. of poles	Frame size	Motor type	Version		Order code(s)
Connection box at top	4	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	4	–
Further connection box positions	For additional charges, code numbers and descriptions, see supplements and special versions.					

Special versions	No. of poles	Frame size	Motor type		Order code(s)
Options	For additional charges, order codes and descriptions, see supplements and special versions.			**1LE1■21-. . . . ■-■■■■-Z**	. . .+. . .+. . .+. . .

1) Operating voltages only ≤ 600 V admissible in accordance with MG1 Table 12-11.

2) Types of construction with feet are not possible for 2-pole, 4-pole and 6-pole motors ≤ 200 hp in accordance with MG1 Table 12-11.

3) Types derived from IM B5 (IM V3 and IM V1) and from IM B14 (IM V19 and IM V18) are possible, provided that no requirement exists for stamping of the type on the rating plate. The basic type IM B5 or IM B14 is stamped as standard on the rating plate. If mounted in a different position, the position must be specified to ensure that the condensation drainage holes are positioned correctly.

NEMA Energy Efficient MG1 motors, Table 12-11

Self-ventilated motors
Cast-iron series 1LE1521/1LE1621 Basic/Performance Line

IE2

Selection and ordering data (continued)

P_{rated}, 50 Hz	P_{rated}, 60 Hz	Frame size	Operating values at 60 Hz rated output: n_{rated}, 60 Hz	T_{rated}, 60 Hz	EISA CC No. CC032A	η rated, 60 Hz, 4/4	η rated, 60 Hz, 3/4	η rated, 60 Hz, 2/4	cos-φ_{rated}, 60 Hz, 4/4	I_{rated}, 60 Hz, 460 V	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	L_{pfA}, 60 Hz	L_{WA}, 60 Hz	Cast-iron series 1LE1521 – Basic Line 1LE1621 – Performance Line NEMA Energy Efficient version Order No.	$m_{IM\ B3}$	J	Torque class
kW	hp	FS	rpm	Nm		%	%	%		A				dB(A)	dB(A)	▲ New	kg	kgm²	CL
• Cooling: Self-ventilated (IC 411)																			
• Efficiency: NEMA Energy Efficient, UL, CSA and service factor (SF) 1.15 – for operation in the USA and Canada, not admissible for exporting to Mexico																			
• Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)																			
6-pole: 1000 rpm at 50 Hz, 1200 rpm at 60 Hz																			
1.5	2	100 L	1175	12	–	86.5	86.0	84.4	0.69	3.15	2.3	7.0	3.4	62	74	▲ 1LE1■21-1AC4■-■■■■	36	0.011	16
2.2	3	112 M	1170	18	✓	87.5	87.4	85.9	0.73	4.3	2.3	7.3	3.4	60	72	▲ 1LE1■21-1BC2■-■■■■	41	0.014	16
3	4	132 S	1175	24	–	87.5	87.6	85.9	0.70	6.1	1.8	6.5	3.0	67	79	▲ 1LE1■21-1CC0■-■■■■	56	0.024	13
4	5	132 M	1180	30	✓	87.5	88.3	87.0	0.73	7.3	2.1	6.6	3.2	67	79	▲ 1LE1■21-1CC2■-■■■■	61	0.029	13
5.5	7.5	132 M	1175	45	✓	89.5	89.7	88.7	0.74	10.4	2.0	7.1	3.2	67	79	▲ 1LE1■21-1CC3■-■■■■	70	0.037	16
7.5	10	160 M	1180	61	✓	89.5	90.0	89.0	0.74	14.2	2.0	7.1	3.2	70	82	▲ 1LE1■21-1DC2■-■■■■	106	0.075	16
11	15	160 L	1180	89	✓	90.2	90.0	89.1	0.78	19.6	1.8	6.8	3.0	70	82	▲ 1LE1■21-1DC4■-■■■■	122	0.098	16
15	20	180 L	1178	121	✓	90.2	90.2	89.0	0.77	27	2.8	6.9	3.4	60	74	▲ 1LE1■21-1EC4■-■■■■	155	0.17	16
18.5	25	200 L	1182	151	✓	91.7	92.1	91.5	0.81	31.5	2.6	6.7	3.0	62	76	▲ 1LE1■21-2AC4■-■■■■	200	0.25	16
22	30	200 L	1182	181	✓	91.7	92.1	91.5	0.81	38	3.0	7.4	3.0	62	76	▲ 1LE1■21-2AC5■-■■■■	220	0.30	16
30	40	225 M	1182	241	✓	93.0	93.3	92.6	0.83	48.5	2.9	7.0	3.1	60	73	▲ 1LE1■21-2BC2■-■■■■	285	0.58	16
37	50	250 M	1185	301	–	93.0	93.3	92.6	0.83	61	3.3	7.3	2.8	63	77	▲ 1LE1■21-2CC2■-■■■■	370	0.86	16
45	60	280 S	1188	360	–	93.6	93.8	93.1	0.84	71	3.1	7.4	3.0	66	80	▲ 1LE1■21-2DC0■-■■■■	460	1.1	16
55	75	280 M	1188	450	–	93.6	93.9	93.4	0.85	88	3.1	7.2	2.9	66	80	▲ 1LE1■21-2DC2■-■■■■	510	1.4	16
75	100	315 S	1190	599	✓	94.1	94.1	93.2	0.84	118	2.8	7.5	3.0	66	80	▲ 1LE1■21-3AC0■-■■■■	660	2.1	16
90	125	315 M	1190	748	✓	94.1	94.4	93.5	0.84	148	2.9	7.6	3.1	66	80	▲ 1LE1■21-3AC2■-■■■■	730	2.5	16
110	150	315 L	1190	898	✓	95.0	95.0	94.6	0.85	174	3.0	7.6	3.1	66	80	▲ 1LE1■21-3AC4■-■■■■	920	3.6	16
132	175	315 L	1190	1048	–	95.0	95.0	94.4	0.85	205	3.7	9.2	3.6	66	81	▲ 1LE1■21-3AC5■-■■■■	990	4.0	16
160	200	315 L	1192	1195	✓	95.0	94.9	94.2	0.84	235	4.3	9.6	3.8	68	82	▲ 1LE1■21-3AC6■-■■■■	1160	4.7	16

	Relubrication	Motor protection	Fan cover	Bearing size	Converter-fed operation	Warranty		
Basic Line	Optional (standard from FS 280 upwards)	Optional	Plastic	62 (63 from FS 280 upwards)	Up to 460 V	12 months	5	
Performance Line	Standard from FS 160 (optional for FS 100 ... 132)	Standard PTC	Steel	63	Up to 460 V	36 months	6	

Voltages (≤ 600 V) [1]				No. of poles	Frame size	Motor type	Version			Order code(s)
50 Hz	230 VΔ/400 VY	60 Hz	460 VY	6	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	2	2	–
50 Hz	400 VΔ	60 Hz	460 VΔ	6	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	3	4	–
50 Hz	500 VY			6	100 L ... 315 L	1LE1■21-1A ... -3A	Without additional charge	2	7	–
50 Hz	500 VΔ			6	100 L ... 315 L	1LE1■21-1A ... -3A	Without additional charge	4	0	–
Further voltages	For additional charges, code numbers, order codes and descriptions, see supplements and special versions.							9	0	. . .

Types of construction [2]		No. of poles	Frame size	Motor type	Version		Order code(s)
With flange	IM B5 [3]	6	100 L ... 315 M	1LE1■21-1A ... -3A	With additional charge	F	–
With standard flange	IM B14 [3]	6	100 L ... 160 L	1LE1■21-1A ... -1D	With additional charge	K	–
Further types of construction	For add. charges, code letters and descriptions, see supplements and special versions.					Z	. . .

Motor protection	Line	No. of poles	Frame size	Motor type	Version		Order code(s)
Without	Only possible for **Basic Line**	6	100 L ... 315 L	1LE1521-1A ... -3A	**Standard**	A	–
PTC thermistor with 3 temperature sensors	**Basic Line**	6	100 L ... 315 L	1LE1521-1A ... -3A	With additional charge	B	–
	Performance Line	6	100 L ... 315 L	1LE1621-1A ... -3A	**Standard**	B	–
Further motor protection	For additional charges, code letters and descriptions, see supplements and special versions.					Z	. . .

Connection box position	No. of poles	Frame size	Motor type	Version		Order code(s)
Connection box at top	6	100 L ... 315 L	1LE1■21-1A ... -3A	**Standard**	4	–
Further connection box positions	For additional charges, code numbers and descriptions, see supplements and special versions.					

Special versions	No. of poles	Frame size	Motor type		Order code(s)
Options	For additional charges, order codes and descriptions, see supplements and special versions.			1LE1■21-. . . . ■-■■■■-Z	. . .+. . .+. . .+. . .

1) Operating voltages only ≤ 600 V admissible in accordance with MG1 Table 12-11.

2) Types of construction with feet are not possible for 2-pole, 4-pole and 6-pole motors ≤ 200 hp in accordance with MG1 Table 12-11.

3) Types derived from IM B5 (IM V3 and IM V1) and from IM B14 (IM V19 and IM V18) are possible, provided that no requirement exists for stamping of the type on the rating plate. The basic type IM B5 or IM B14 is stamped as standard on the rating plate. If mounted in a different position, the position must be specified to ensure that the condensation drainage holes are positioned correctly.