

SIMOTICS SD 1LE1 Standard Motors

Motors with High Efficiency IE2

Self-ventilated motors
Cast-iron series 1LE1501/1LE1601 Basic/Performance Line

IE2

Selection and ordering data

Operating values at rated output															Cast-iron series		$m_{IM\ B3\ J}$	Torque class	
$P_{rated, 50\ Hz}$	$P_{rated, 60\ Hz}$ 1)	Frame size	$n_{rated, 50\ Hz}$	$T_{rated, 50\ Hz}$	IE class	$\eta_{rated, 50\ Hz, 4/4}$	$\eta_{rated, 50\ Hz, 3/4}$	$\eta_{rated, 50\ Hz, 2/4}$	COS- $\Phi_{rated, 50\ Hz, 4/4}$	$I_{rated, 50\ Hz, 400\ V}$	$T_{LR/ra-}$	$I_{LR/ra-}$	$T_{B/ra-}$	$L_{pA, 50\ Hz}$	$L_{WA, 50\ Hz}$	1LE1501 – Basic Line 1LE1601 – Performance Line IE2 version in accordance with IEC 60034-30 Order No.			kg
kW	kW	FS	rpm	Nm	%	%	%		A					dB(A)	dB(A)	▲ New			
3	3.45	100 L	2905	9.9	IE2	84.6	85.2	84.7	0.84	6.1	2.3	7.0	3.3	67	79	▲ 1LE1 01-1AA4	32	0.0044	16
4	4.55	112 M	2950	13	IE2	85.8	86.7	86.1	0.86	7.8	2.4	7.4	3.3	69	81	▲ 1LE1 01-1BA2	39	0.0092	16
5.5	6.3	132 S	2950	18	IE2	87.0	88.0	87.4	0.87	10.5	1.8	6.6	2.9	68	80	▲ 1LE1 01-1CA0	57	0.020	16
7.5	8.6	132 S	2950	24	IE2	88.1	88.7	88.6	0.87	14.1	2.2	7.5	3.1	68	80	▲ 1LE1 01-1CA1	61	0.024	16
11	12.6	160 M	2955	36	IE2	89.4	90.0	89.1	0.87	20.5	2.1	7.4	3.2	70	82	▲ 1LE1 01-1DA2	96	0.045	16
15	17.3	160 M	2955	48	IE2	90.3	90.9	90.3	0.88	27	2.4	7.6	3.4	70	82	▲ 1LE1 01-1DA3	104	0.053	16
18.5	21.3	160 L	2955	60	IE2	90.9	91.2	90.4	0.88	33.5	2.9	7.9	3.6	70	82	▲ 1LE1 01-1DA4	113	0.061	16
22	24.5	180 M	2940	71	IE2	91.3	91.8	91.4	0.87	40.5	2.7	7.4	3.6	68	81	▲ 1LE1 01-1EA2	145	0.069	16
30	33.5	200 L	2955	97	IE2	92.0	92.3	91.7	0.87	54	2.5	6.9	3.3	71	84	▲ 1LE1 01-2AA4	200	0.13	16
37	41.5	200 L	2960	119	IE2	92.5	92.8	92.3	0.88	66	2.7	7.4	3.5	71	84	▲ 1LE1 01-2AA5	225	0.15	16
45	51	225 M	2965	145	IE2	92.9	93.1	92.5	0.88	79	2.7	7.8	3.7	71	84	▲ 1LE1 01-2BA2	295	0.23	16
55	62	250 M	2970	177	IE2	93.2	93.3	92.4	0.89	96	2.3	6.8	3.1	74	88	▲ 1LE1 01-2CA2	360	0.40	13
75	84	280 S	2978	240	IE2	93.8	93.6	92.4	0.87	133	2.5	7.2	3.2	74	88	▲ 1LE1 01-2DA0	490	0.71	13
90	101	280 M	2975	289	IE2	94.1	94.2	93.5	0.88	157	2.5	7.1	3.1	74	88	▲ 1LE1 01-2DA2	530	0.83	13
110	123	315 S	2982	352	IE2	94.3	94.2	93.3	0.90	187	2.4	7.3	3.0	76	90	▲ 1LE1 01-3AA0	720	1.3	13
132	148	315 M	2982	423	IE2	94.6	94.7	94.1	0.91	220	2.4	7.2	3.1	76	90	▲ 1LE1 01-3AA2	880	1.6	13
160	180	315 L	2982	512	IE2	94.8	94.9	94.3	0.92	265	2.3	7.0	3.1	78	93	▲ 1LE1 01-3AA4	930	1.8	13
200	224	315 L	2982	640	IE2	95.0	95.2	94.8	0.92	330	2.4	7.1	3.0	78	93	▲ 1LE1 01-3AA5	1130	2.2	13

	Relubrication	Motor prot.	Fan cover	Bearing size	Converter-fed operat.	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												
Voltagess			No. of poles	Frame size	Motor type	Version													Order code(s)
50 Hz	230 VΔ/400 VY 60 Hz ¹⁾	460 VY	2	100 L ... 315 L	1LE1■01-1A ... -3A	Standard	2	2											–
50 Hz	400 VΔ/690 VY 60 Hz ¹⁾	460 VΔ	2	100 L ... 315 L	1LE1■01-1A ... -3A	Standard	3	4											–
50 Hz	500 VY		2	100 L ... 315 L	1LE1■01-1A ... -3A	Without additional charge	2	7											–
50 Hz	500 VΔ		2	100 L ... 315 L	1LE1■01-1A ... -3A	Without additional charge	4	0											–
Further voltages ¹⁾	For add. charges, code numbers, order codes and descr., see suppl. and special versions.										9	0						...	
Types of construction			No. of poles	Frame size	Motor type	Version													Order code(s)
Without flange	IM B3 ²⁾		2	100 L ... 315 L	1LE1■01-1A ... -3A	Standard	A												–
With flange	IM B5 ²⁾		2	100 L ... 315 M	1LE1■01-1A ... -3A	With additional charge	F												–
With standard flange	IM B14 ²⁾		2	100 L ... 160 L	1LE1■01-1A ... -1D	With additional charge	K												–
Further types of construction	For additional charges, code letters and descriptions, see supplements and special versions.																		...
Motor protection	Line		No. of poles	Frame size	Motor type	Version													Order code(s)
Without PTC thermistor with 3 temperature sensors	Only possible for Basic Line		2	100 L ... 315 L	1LE1501-1A ... -3A	Standard	A												–
	Basic Line		2	100 L ... 315 L	1LE1501-1A ... -3A	With additional charge	B												–
	Performance Line		2	100 L ... 315 L	1LE1601-1A ... -3A	Standard	B												–
Further motor protection	For additional 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■01-1A ... -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■01-...	■-■■■■■-Z	...	+	+	+	+	+	+

1) Operating values at rated output for 60 Hz are available on request.

2) Types derived from IM B3 (IM B6/7/8, IM V6 and IM V5), 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 B3, 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.

SIMOTICS SD 1LE1 Standard Motors

Motors with High Efficiency IE2

IE2

Self-ventilated motors

Cast-iron series 1LE1501/1LE1601 Basic/Performance Line

Selection and ordering data (continued)

Operating values at rated output														Cast-iron series		$m_{IM\ B3}$ J	Torque class				
$P_{rated, 50\ Hz}$	$P_{rated, 60\ Hz}$ ¹⁾	Frame size	$n_{rated, 50\ Hz}$	$T_{rated, 50\ Hz}$	IE class	$\eta_{rated, 50\ Hz, 4/4}$	$\eta_{rated, 50\ Hz, 3/4}$	$\eta_{rated, 50\ Hz, 2/4}$	COS- $\Phi_{rated, 50\ Hz, 4/4}$	$I_{rated, 50\ Hz, 400\ V}$	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	$L_{pFA, 50\ Hz}$	$L_{WA, 50\ Hz}$			1LE1501 – Basic Line	1LE1601 – Performance Line	IE2 version in accordance with IEC 60034-30	Order No.
kW	kW	FS	rpm	Nm	%	%	%	A								▲ New			kg	kgm ²	CL
<ul style="list-style-type: none"> • Cooling: Self-ventilated (IC 411) • Efficiency: High Efficiency IE2, service factor (SF) 1.15 • 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 ¹⁾																					
2.2	2.55	100 L	1455	14	IE2	84.3	85.1	84.3	0.81	4.65	2.1	6.9	3.3	60	72	▲ 1LE1	■ 01-1AB4	■-■■■■■	32	0.0086	16
3	3.45	100 L	1455	20	IE2	85.5	86.7	86.0	0.82	6.2	2.0	6.9	3.1	60	72	▲ 1LE1	■ 01-1AB5	■-■■■■■	37	0.011	16
4	4.55	112 M	1460	26	IE2	86.6	87.3	86.5	0.81	8.2	2.5	7.1	3.2	58	70	▲ 1LE1	■ 01-1BB2	■-■■■■■	46	0.014	16
5.5	6.3	132 S	1465	36	IE2	87.7	89.0	87.7	0.80	11.3	2.3	6.9	2.9	64	76	▲ 1LE1	■ 01-1CB0	■-■■■■■	61	0.027	16
7.5	8.6	132 M	1465	49	IE2	88.7	90.3	88.8	0.83	14.7	2.3	6.9	2.9	64	76	▲ 1LE1	■ 01-1CB2	■-■■■■■	75	0.034	16
11	12.6	160 M	1470	71	IE2	89.8	90.9	90.8	0.85	21	2.1	6.7	2.8	65	77	▲ 1LE1	■ 01-1DB2	■-■■■■■	96	0.065	16
15	17.3	160 L	1475	97	IE2	90.6	91.3	91.0	0.85	28	2.3	7.3	3.0	65	77	▲ 1LE1	■ 01-1DB4	■-■■■■■	104	0.083	16
18.5	21.3	180 M	1465	121	IE2	91.2	92.0	91.9	0.84	35	2.5	7.2	3.4	58	71	▲ 1LE1	■ 01-1EB2	■-■■■■■	160	0.12	16
22	25.3	180 L	1465	143	IE2	91.6	92.2	91.9	0.84	41.5	2.6	7.3	3.5	58	71	▲ 1LE1	■ 01-1EB4	■-■■■■■	170	0.13	16
30	34.5	200 L	1470	195	IE2	92.3	92.8	92.6	0.84	56	2.5	6.7	3.3	62	75	▲ 1LE1	■ 01-2AB5	■-■■■■■	230	0.20	16
37	42.5	225 S	1470	240	IE2	92.7	93.5	93.5	0.88	65	2.3	6.6	2.9	62	75	▲ 1LE1	■ 01-2BB0	■-■■■■■	280	0.42	16
45	52	225 M	1475	291	IE2	93.1	93.8	93.7	0.87	80	2.5	6.9	3.1	63	76	▲ 1LE1	■ 01-2BB2	■-■■■■■	305	0.46	16
55	63	250 M	1480	355	IE2	93.5	93.9	93.5	0.85	100	2.7	6.8	3.0	62	75	▲ 1LE1	■ 01-2CB2	■-■■■■■	385	0.75	16
75	86	280 S	1485	482	IE2	94.0	94.2	93.8	0.87	132	2.5	6.8	3.0	69	83	▲ 1LE1	■ 01-2DB0	■-■■■■■	550	1.3	16
90	104	280 M	1486	578	IE2	94.2	94.3	93.6	0.87	159	2.6	7.3	3.1	68	82	▲ 1LE1	■ 01-2DB2	■-■■■■■	570	1.4	16
110	127	315 S	1490	705	IE2	94.5	94.6	94.0	0.86	195	2.7	7.4	3.0	69	83	▲ 1LE1	■ 01-3AB0	■-■■■■■	740	2.0	16
132	152	315 M	1490	847	IE2	94.7	94.9	94.6	0.87	230	2.7	7.1	2.9	68	83	▲ 1LE1	■ 01-3AB2	■-■■■■■	870	2.3	16
160	184	315 L	1490	1025	IE2	94.9	95.0	94.5	0.87	280	2.8	7.2	3.1	72	86	▲ 1LE1	■ 01-3AB4	■-■■■■■	940	2.8	16
200	230	315 L	1490	1282	IE2	95.1	95.3	94.7	0.87	350	3.1	7.5	3.2	72	87	▲ 1LE1	■ 01-3AB5	■-■■■■■	1140	3.5	16
Basic Line		Relubrication		Motor prot.	Fan cover	Bearing size		Converter-fed operat.		Warranty		5									
Performance Line		Standard from FS 160 (optional for FS 100 ... 132)		Standard PTC	Steel	63		Up to 460 V 36 months		6											
Voltages				No. of poles	Frame size	Motor type		Version										Order code(s)			
50 Hz	230 VΔ/400 VY	60 Hz ¹⁾	460 VY	4	100 L ... 315 L	1LE1■01-1A ... -3A		Standard		2		2						-			
50 Hz	400 VΔ/690 VY	60 Hz ¹⁾	460 VΔ	4	100 L ... 315 L	1LE1■01-1A ... -3A		Standard		3		4						-			
50 Hz	500 VY			4	100 L ... 315 L	1LE1■01-1A ... -3A		Without additional charge		2		7						-			
50 Hz	500 VΔ			4	100 L ... 315 L	1LE1■01-1A ... -3A		Without additional charge		4		0						-			
Further voltages ¹⁾				For add. charges, code numbers, order codes and descr., see suppl. and special versions.												9		0		...	
Types of construction				No. of poles	Frame size	Motor type		Version										Order code(s)			
Without flange		IM B3 ²⁾		4	100 L ... 315 L	1LE1■01-1A ... -3A		Standard		A								-			
With flange		IM B5 ²⁾		4	100 L ... 315 M	1LE1■01-1A ... -3A		With additional charge		F								-			
With standard flange		IM B14 ²⁾		4	100 L ... 160 L	1LE1■01-1A ... -1D		With additional charge		K								-			
Further types of construction				For additional charges, code letters and descriptions, see supplements and special versions.												■				...	
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	1LE1501-1A ... -3A		Standard		A								-			
PTC thermistor with 3 temperature sensors		Basic Line		4	100 L ... 315 L	1LE1501-1A ... -3A		With additional charge		B								-			
		Performance Line		4	100 L ... 315 L	1LE1601-1A ... -3A		Standard		B								-			
Further motor protection				For additional 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				4	100 L ... 315 L	1LE1■01-1A ... -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■01- ... ■-■■■■■		-Z		...+...+...+...	

1) Operating values at rated output for 60 Hz are available on request.

2) Types derived from IM B3 (IM B6/7/8, IM V6 and IM V5), 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 B3, 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.

SIMOTICS SD 1LE1 Standard Motors

Motors with High Efficiency IE2

Self-ventilated motors Cast-iron series 1LE1501/1LE1601 Basic/Performance Line



Selection and ordering data (continued)

Operating values at rated output														Cast-iron series		m _M B3 J	Torque class			
P _{rated} , 50 Hz	P _{rated} , 60 Hz 1)	Frame size	n _{rated} , 50 Hz	T _{rated} , 50 Hz	IE class	η _{rated} , 50 Hz, 4/4	η _{rated} , 50 Hz, 3/4	η _{rated} , 50 Hz, 2/4	COS φ _{rated} , 50 Hz, 4/4	I _{rated} , 50 Hz, 400 V	T _L /I _{rated}	I _L /I _{rated}	T _B /I _{rated}	L _p fA, 50 Hz	L _{WA} , 50 Hz			Order No.	kg	kgm ²
kW	kW	FS	rpm	Nm	%	%	%	A						dB(A)	dB(A)	▲ New				
• Cooling: Self-ventilated (IC 411) • Efficiency: High Efficiency IE2, service factor (SF) 1.15 • 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⁾																				
1.5	1.75	100 L	970	15	IE2	79.8	80.2	79.0	0.73	3.7	2.0	6.2	2.9	59	71	▲ 1LE1 01-1AC4	36	0.011	16	
2.2	2.55	112 M	965	22	IE2	81.8	82.5	81.3	0.75	5.2	2.1	6.0	3.1	57	69	▲ 1LE1 01-1BC2	41	0.014	16	
3	3.45	132 S	970	30	IE2	83.3	84.0	82.8	0.74	7.0	1.6	5.6	2.6	63	75	▲ 1LE1 01-1CC0	56	0.024	13	
4	4.55	132 M	970	39	IE2	84.6	85.8	85.0	0.78	8.7	1.6	5.6	2.5	63	75	▲ 1LE1 01-1CC2	61	0.029	13	
5.5	6.3	132 M	970	54	IE2	86.0	87.4	87.0	0.77	12	1.9	6.1	2.8	63	75	▲ 1LE1 01-1CC3	70	0.037	16	
7.5	8.6	160 M	975	73	IE2	87.2	87.7	86.9	0.77	16.1	1.8	6.3	2.8	67	79	▲ 1LE1 01-1DC2	106	0.075	16	
11	12.6	160 L	975	108	IE2	88.7	89.5	89.4	0.80	22.5	1.7	6.2	2.7	67	79	▲ 1LE1 01-1DC4	122	0.098	16	
15	18	180 L	975	147	IE2	89.7	90.1	90.2	0.78	31	2.5	6.0	3.1	56	70	▲ 1LE1 01-1EC4	155	0.17	16	
18.5	22	200 L	978	181	IE2	90.4	91.3	91.2	0.82	36	2.4	5.8	2.6	58	72	▲ 1LE1 01-2AC4	200	0.25	16	
22	26.5	200 L	978	215	IE2	90.9	91.6	91.2	0.82	42.5	2.5	6.2	2.6	58	72	▲ 1LE1 01-2AC5	220	0.30	16	
30	36	225 M	980	292	IE2	91.7	92.5	92.3	0.83	57	2.5	6.1	2.8	56	70	▲ 1LE1 01-2BC2	285	0.58	16	
37	44.5	250 M	982	360	IE2	92.2	93.1	93.1	0.83	70	2.8	6.0	2.5	57	71	▲ 1LE1 01-2CC2	370	0.86	16	
45	54	280 S	985	436	IE2	92.7	93.4	93.2	0.84	83	2.7	6.3	2.6	61	75	▲ 1LE1 01-2DC0	460	1.1	16	
55	66	280 M	985	533	IE2	93.1	93.9	94.0	0.86	99	2.5	6.4	2.6	61	75	▲ 1LE1 01-2DC2	510	1.4	16	
75	90	315 S	988	725	IE2	93.7	94.0	93.6	0.84	138	2.5	6.7	2.8	62	76	▲ 1LE1 01-3AC0	660	2.1	16	
90	108	315 M	988	870	IE2	94.0	94.3	93.6	0.84	165	2.6	6.9	2.8	64	78	▲ 1LE1 01-3AC2	730	2.5	16	
110	132	315 L	988	1063	IE2	94.3	94.6	94.5	0.86	196	2.7	7.0	2.8	62	76	▲ 1LE1 01-3AC4	920	3.6	16	
132	158	315 L	988	1276	IE2	94.6	94.9	94.7	0.86	235	3.0	7.5	2.9	64	78	▲ 1LE1 01-3AC5	990	4.0	16	
160	192	315 L	988	1546	IE2	94.8	94.7	94.4	0.86	285	3.1	7.7	3.3	65	80	▲ 1LE1 01-3AC6	1160	4.7	16	
8-pole: 750 rpm at 50 Hz, 900 rpm at 60 Hz ¹⁾																				
0.75	0.86	100 L	725	9.9	-	68.3	65.8	59.3	0.58	2.8	1.6	4.0	2.8	60	72	▲ 1LE1 01-1AD4	32	0.0086	13	
1.1	1.3	100 L	725	14	-	68.3	65.4	58.9	0.58	4.0	1.8	4.1	2.8	60	72	▲ 1LE1 01-1AD5	36	0.011	13	
1.5	1.75	112 M	720	20	-	75.8	76.0	73.0	0.67	4.25	1.4	4.2	2.4	63	75	▲ 1LE1 01-1BD2	51	0.014	13	
2.2	2.55	132 M	725	29	-	78.8	79.3	77.2	0.65	6.2	1.4	4.3	2.1	63	75	▲ 1LE1 01-1CD0	59	0.027	10	
3	3.45	132 M	730	39	-	82.7	83.0	80.9	0.65	8.1	1.4	5.0	2.4	63	75	▲ 1LE1 01-1CD2	67	0.035	10	
4	4.55	160 M	730	52	-	86.2	86.9	86.0	0.69	9.7	1.8	4.3	2.0	63	75	▲ 1LE1 01-1DD2	98	0.065	13	
5.5	6.3	160 M	730	72	-	86.7	87.5	86.5	0.69	13.3	2.1	4.4	2.1	63	75	▲ 1LE1 01-1DD3	111	0.083	13	
7.5	8.6	160 L	730	98	-	86.9	88.2	88.1	0.72	17.3	1.9	4.5	2.1	63	75	▲ 1LE1 01-1DD4	123	0.098	13	
Relubrication		Motor prot.		Fan cover		Bearing size		Converter-fed operat.		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			No. poles		Frame size		Motor type		Version								Order code(s)			
50 Hz			230 VΔ/400 VY		60 Hz ¹⁾		460 VY		6, 8		100 L ... 315 L		1LE1 01-1A ... -3A		Standard		2 2		-	
50 Hz			400 VΔ/690 VY		60 Hz ¹⁾		460 VΔ		6, 8		100 L ... 315 L		1LE1 01-1A ... -3A		Standard		3 4		-	
50 Hz			500 VY				6, 8		100 L ... 315 L		1LE1 01-1A ... -3A		Without add. charge		2 7		-		-	
50 Hz			500 VΔ				6, 8		100 L ... 315 L		1LE1 01-1A ... -3A		Without add. charge		4 0		-		-	
Further voltages ¹⁾			For add. charges, code numbers, order codes and descr., see suppl. and special versions.																	
Types of construction			No. poles		Frame size		Motor type		Version								Order code(s)			
Without flange			IM B3 ²⁾		6, 8		100 L ... 315 L		1LE1 01-1A ... -3A		Standard		A				-			
With flange			IM B5 ²⁾		6, 8		100 L ... 315 M		1LE1 01-1A ... -3A		With additional charge		F				-			
With standard flange			IM B14 ²⁾		6, 8		100 L ... 160 L		1LE1 01-1A ... -1D		With additional charge		K				-			
Further types of construction			For additional charges, code letters and descriptions, see supplements and special versions.																	
Motor protection			No. poles		Frame size		Motor type		Version								Order code(s)			
Without			Only possible for Basic Line		6, 8		100 L ... 315 L		1LE1501-1A ... -3A		Standard		A				-			
PTC thermistor with 3 temperature sensors			Basic Line		6, 8		100 L ... 315 L		1LE1501-1A ... -3A		With additional charge		B				-			
			Performance Line		6, 8		100 L ... 315 L		1LE1601-1A ... -3A		Standard		B				-			
Further motor protection			For additional charges, code letters and descriptions, see supplements and special versions.																	
Connection box position			No. poles		Frame size		Motor type		Version								Order code(s)			
Connection box at top			6, 8		100 L ... 315 L		1LE1 01-1A ... -3A		Standard		4						-			
Further conn. box positions			For additional charges, code numbers and descriptions, see supplements and special versions.																	
Special versions			No. poles		Frame size		Motor type										Order code(s)			
Options			For add. charges, order codes and descr., see suppl. and special versions. 1LE1 01- ... -Z ... + ... + ... + ...																	

1) Operating values at rated output for 60 Hz are available on request.
 2) Types derived from IM B3 (IM B6/7/8, IM V6 and IM V5), 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 B3, 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.