

SIMOTICS XP 1LG Explosion-Proof Motors

Motors for Zone 2 or 21/22 in type of protection Ex n or Ex tD

Self-ventilated motors NEMA Energy Efficient MG1 Table 12-11
Cast-iron series 1LG6 with order code D42 and explosion protection

Selection and ordering data (continued)

Operating values at 60 Hz rated output														Cast-iron series		$m_{IM\ B3}$	J	Torque class				
$P_{rat. ed, 50\ Hz}$	$P_{rat. ed, 60\ Hz}$	Frame size	$n_{rat. ed, 60\ Hz}$	$T_{rat. ed, 60\ Hz}$	EISA CC No. CC032A	$\eta_{rated, 60\ Hz, 4/4}$	$\eta_{rated, 60\ Hz, 3/4}$	$\eta_{rated, 60\ Hz, 2/4}$	COS- $\varphi_{rated, 4/4}$	$I_{rated, 60\ Hz, 460\ V}$	T_{LR}/I_{rated}	I_{LR}/I_{rated}	T_B/I_{rated}	$L_{pFA, 60\ Hz}$	$L_{WA, 60\ Hz}$				1LG6 – NEMA Energy Efficient version for Zone 2 or 21/22 in type of protection Ex n or Ex tD	Order No. with order code for Ex prot.	kg	kgm ²
kW	hp	FS	rpm	Nm	%	%	%		A							▲ New						
<ul style="list-style-type: none"> Cooling: Self-ventilated (IC 411) Efficiency: NEMA Energy Efficient in accordance with NEMA MG1 Table 12-11 and 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) 																						
2-pole: 3600 rpm at 60 Hz																						
22	30	180 M	3560	60	✓	91.0	91.1	90.4	0.88	35	2.7	7.8	3.7	72	85	1LG6183-2AA	■ ■ -Z D42+	180	0.086	16		
30	40	200 L	3565	80	✓	91.7	91.2	89.5	0.88	46.5	2.7	7.7	3.7	75	88	1LG6206-2AA	■ ■ -Z D42+	225	0.15	16		
37	50	200 L	3565	100	✓	92.4	92.1	90.7	0.89	57	2.8	7.8	3.7	75	88	1LG6207-2AA	■ ■ -Z D42+	255	0.18	16		
45	60	200 L	3565	120	✓	93.0	92.6	91.3	0.89	68	2.8	7.9	3.6	75	88	▲ 1LG6208-2AA	■ ■ -Z D42+	300	0.22	16		
45	60	225 M	3570	120	✓	93.0	93.0	92.2	0.89	68	2.8	8.3	3.6	74	87	1LG6223-2AA	■ ■ -Z D42+	330	0.27	16		
55	75	225 M	3570	150	✓	93.0	93.0	92.2	0.90	84	3.3	8.7	3.7	74	87	1LG6228-2AA	■ ■ -Z D42+	390	0.32	16		
55	75	250 M	3578	149	–	93.0	93.1	92.3	0.89	85	2.7	7.5	3.2	75	88	1LG6253-2AA	■ ■ -Z D42+	420	0.47	16		
75	100	250 M	3580	199	✓	93.6	93.3	92.0	0.89	112	2.8	8.4	3.5	79	92	1LG6258-2AA	■ ■ -Z D42+	470	0.57	16		
75	100	280 S	3580	199	–	93.6	93.3	92.0	0.89	112	2.8	7.8	3.4	77	90	1LG6280-2AB	■ ■ -Z D42+	530	0.83	13		
90	125	280 M	3580	249	✓	94.5	94.3	93.3	0.90	138	2.9	8.3	3.4	77	90	1LG6283-2AB	■ ■ -Z D42+	615	1.0	13		
110	150	280 M	3580	299	✓	94.5	94.4	93.6	0.90	165	3.1	8.5	3.6	77	90	1LG6288-2AA	■ ■ -Z D42+	660	1.2	16		
110	150	315 S	3585	298	✓	94.5	94.0	92.6	0.91	163	2.6	7.5	3.1	81	94	1LG6310-2AB	■ ■ -Z D42+	790	1.4	13		
132	175	315 M	3586	348	–	95.0	94.7	93.5	0.91	190	3.0	8.3	3.3	81	94	1LG6313-2AB	■ ■ -Z D42+	915	1.6	13		
160	200	315 L	3588	397	✓	95.0	94.7	93.6	0.91	215	3.0	8.4	3.5	81	94	1LG6316-2AB	■ ■ -Z D42+	1055	2.1	13		
200	250	315 L	3588	500	✓	95.4	95.2	94.3	0.93	265	3.2	8.6	3.4	81	94	1LG6317-2AB	■ ■ -Z D42+	1245	2.5	13		
250	300	315 L	3591	600	✓	95.4	95.1	94.0	0.92	320	4.1	10.0	3.9	83	96	1LG6318-2AA	■ ■ -Z D42+	1330	2.7	16		
Voltages				No. of poles	Motor type	Version															Order code(s)	
50 Hz	230 VΔ/400 VY	60 Hz	460 VY	2	1LG6183 ... 313	Standard															1	–
50 Hz	400 VΔ/690 VY	60 Hz	460 VΔ	2	1LG6183 ... 318	Standard															6	–
50 Hz	500 VY			2	1LG6183 ... 313	Without additional charge															3	–
	500 VΔ			2	1LG6183 ... 318	Without additional charge															5	–
Further voltages				For add. charges, code numbers, order codes and descr., see suppl. and special versions.																	9	...
Types of construction ¹⁾				No. of poles	Motor type	Version															Order code(s)	
Without flange		IM B3/6/7/8		2	1LG6317, 1LG6318	Standard															0	–
		IM V6		2	1LG6317, 1LG6318	With additional charge															9	M1E
With flange		IM B5 ^{2) 3)}		2	1LG6183 ... 313	With additional charge															1	–
		IM V3 ^{2) 3)}		2	1LG6183 ... 313	With additional charge															9	M1G
		IM V1 with protective cover ^{2) 3) 4)}		2	1LG6183 ... 318 ⁵⁾	With additional charge															4	–
		IM B35		2	1LG6317, 1LG6318	With additional charge															6	–
Further types of constr.				For add. charges, code numbers, order codes and descr., see suppl. and special versions.																	9	...
Design according to ATEX				No. of poles	Motor type	Version															Order code(s)	
Zone 2		Mains-fed operation		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M72		
		Converter-fed operation (FC)		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M73		
VIK (includes Zone 2) ⁶⁾		Mains-fed operation		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ K30		
		Converter-fed operation (FC)		2	1LG6183 ... 318	On request														–		
Zone 21		Mains-fed operation		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M34		
		Converter-fed operation (FC)		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M38		
Zone 22		Mains-fed operation		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M35		
		Converter-fed operation (FC)		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M39		
Zone 2/22 (IP55)		Mains-fed operation		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M74		
		Converter-fed operation (FC)		2	1LG6183 ... 318	With add. charge	1LG6 A . ■ ■ -Z D42													+ M75		
Special versions																					Order code(s)	
Options				For add. charges, order codes and descr., see suppl. and special versions.																	1LG6 A . ■ ■ -Z D42	+ . . . + . . . + . . .

1) 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.
2) The following applies for explosion-proof motors: In the case of the types of construction with shaft extension down, the version "with protective cover" is required. For types of construction with shaft extension pointing upwards, a suitable cover must be implemented to prevent small parts from falling into the fan cover (see the standard IEC/EN 60079-0). The cover must not block the cooling air flow.

3) 1LG6223 to 1LG6318 motors are supplied with two screw-in eyebolts in accordance with IM B5, whereby one can be repositioned in accordance with IM V1 or IM V3. It is important to note that stress must not be applied perpendicular to the ring plane.
4) The "Second shaft extension" option, order code K16 is not possible.
5) 2-pole motors 1LG6316-... to 1LG6317-... (motor series 1LG6 frame size 315 L) in 60 Hz version available on request.
6) If the identification Ex nA II is required in addition to VIK on the rating plate, this must be ordered using order code C27. The VIK version is not possible in combination with Zone 21 and 22.

SIMOTICS XP 1LG Explosion-Proof Motors

Motors for Zone 2 or 21/22 in type of protection Ex n or Ex tD

Self-ventilated motors NEMA Energy Efficient MG1 Table 12-11
Cast-iron series 1LG6 with order code D42 and explosion protection

Selection and ordering data (continued)

Operating values at 60 Hz rated output														Cast-iron series		$m_{IM\ B3}$	J	Torque class		
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} 4/4	I_{rated} 60 Hz, 460 V	T_{LR}/I_{rated}	I_{LR}/I_{rated}	T_B/I_{rated}	L_{pFA} 60 Hz	L_{WA} 60 Hz				1LG6 – NEMA Energy Efficient version for Zone 2 or 21/22 in type of protection Ex n or Ex tD	Order No. with order code for Ex prot.
kW	hp	FS	rpm	Nm		%	%	%		A										
<ul style="list-style-type: none"> Cooling: Self-ventilated (IC 411) Efficiency: NEMA Energy Efficient in accordance with NEMA MG1 Table 12-11 and 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: 1800 rpm at 60 Hz																				
18.5	25	180 M	1775	100	✓	92.4	92.6	91.8	0.82	31	2.9	7.1	3.3	65	78	1LG6183-4AA	-Z D42+	155	0.12	16
22	30	180 L	1775	120	✓	92.6	92.6	91.9	0.83	36.5	2.8	7.4	3.4	65	78	1LG6186-4AA	-Z D42+	180	0.14	16
30	40	200 L	1775	161	✓	92.6	92.9	91.7	0.84	48	3.0	7.7	3.7	66	79	1LG6207-4AA	-Z D42+	225	0.23	16
37	50	225 S	1785	200	-	92.9	93.1	92.3	0.84	60	3.1	7.5	3.4	65	78	1LG6220-4AA	-Z D42+	290	0.40	16
45	60	225 M	1785	239	✓	93.1	93.7	93.1	0.85	71	3.3	7.9	3.5	65	78	1LG6223-4AA	-Z D42+	330	0.49	16
55	75	225 M	1785	299	✓	94.1	94.3	93.8	0.85	88	3.0	7.8	3.3	65	78	1LG6228-4AA	-Z D42+	355	0.66	16
55	75	250 M	1790	298	-	94.1	94.1	93.3	0.86	87	2.9	8.2	3.4	68	81	1LG6253-4AA	-Z D42+	460	0.86	16
75	100	250 M	1788	398	✓	94.5	94.6	94.0	0.86	115	3.0	8.1	3.3	68	81	1LG6258-4AA	-Z D42+	495	0.99	16
75	100	280 S	1788	398	-	94.5	94.3	93.3	0.86	115	2.9	7.5	3.2	71	84	1LG6280-4AA	-Z D42+	575	1.4	16
90	125	280 M	1790	500	✓	94.3	94.4	93.5	0.86	144	3.0	8.2	3.4	71	84	1LG6283-4AA	-Z D42+	675	1.7	16
110	150	280 M	1788	598	✓	95.0	94.9	94.1	0.86	172	3.1	8.4	3.5	71	84	1LG6288-4AA	-Z D42+	710	1.9	16
110	150	315 S	1791	600	✓	94.9	94.8	93.9	0.87	170	3.1	7.8	3.2	75	88	1LG6310-4AA	-Z D42+	810	2.3	16
132	175	315 M	1791	700	-	94.8	94.9	94.1	0.87	198	3.2	8.4	3.3	75	88	1LG6313-4AA	-Z D42+	965	2.9	16
160	200	315 L	1792	800	✓	94.9	94.9	94.1	0.87	225	3.7	9.0	3.6	75	88	1LG6316-4AA	-Z D42+	1105	3.5	16
200	250	315 L	1792	990	✓	94.9	94.9	94.3	0.87	285	4.0	9.1	3.7	75	88	1LG6317-4AA	-Z D42+	1305	4.2	16
250	300	315 L	1791	1190	✓	94.9	95.4	94.8	0.87	340	4.0	9.3	3.7	81	94	1LG6318-4AA	-Z D42+	1345	4.5	16
Voltages				No. of poles		Motor type		Version								Order code(s)				
50 Hz	230 VΔ/400 VY	60 Hz	460 VY	4	1LG6183 ... 313	Standard	1	-												
50 Hz	400 VΔ/690 VY	60 Hz	460 VΔ	4	1LG6183 ... 318	Standard	6	-												
50 Hz	500 VY			4	1LG6183 ... 313	Without additional charge	3	-												
	500 VΔ			4	1LG6183 ... 318	Without additional charge	5	-												
Further voltages ¹⁾				For additional charges, code numbers, order codes and descriptions, see supplements and special versions.				9	...											
Types of construction ¹⁾				No. of poles		Motor type		Version								Order code(s)				
Without flange		IM B3/6/7/8		4	1LG6317, 1LG6318	Standard	0	-												
		IM V6		4	1LG6317, 1LG6318	With additional charge	9	M1E												
With flange		IM B5 ^{2) 3)}		4	1LG6183 ... 313	With additional charge	1	-												
		IM V3 ^{2) 3)}		4	1LG6183 ... 313	With additional charge	9	M1G												
		IM V1 with protective cover ^{2) 3) 4)}		4	1LG6183 ... 318 ⁵⁾	With additional charge	4	-												
		IM B35		4	1LG6317, 1LG6318	With additional charge	6	-												
Further types of constr.				For additional charges, code numbers, order codes and descriptions, see supplements and special versions.				9	...											
Design according to ATEX				No. of poles		Motor type		Version								Order code(s)				
Zone 2		Mains-fed operation		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M72											
		Converter-fed operation (FC)		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M73											
VIK (includes Zone 2) ⁶⁾		Mains-fed operation		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ K30											
		Converter-fed operation (FC)		4	1LG6183 ... 318	On request			-											
Zone 21		Mains-fed operation		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M34											
		Converter-fed operation (FC)		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M38											
Zone 22		Mains-fed operation		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M35											
		Converter-fed operation (FC)		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M39											
Zone 2/22 (IP55)		Mains-fed operation		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M74											
		Converter-fed operation (FC)		4	1LG6183 ... 318	With add. charge	1LG6 A . ■■-Z D42	+ M75											
Special versions																Order code(s)				
Options				For additional charges, order codes and descriptions, see supplements and special versions.				1LG6 A . ■■-Z D42	+										

¹⁾ 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.

²⁾ The following applies for explosion-proof motors: In the case of the types of construction with shaft extension down, the version "with protective cover" is required. For types of construction with shaft extension pointing upwards, a suitable cover must be implemented to prevent small parts from falling into the fan cover (see the standard IEC/EN 60079-0). The cover must not block the cooling air flow.

³⁾ 1LG6220 to 1LG6318 motors are supplied with two screw-in eyebolts in accordance with IM B5, whereby one can be repositioned in accordance with IM V1 or IM V3. It is important to note that stress must not be applied perpendicular to the ring plane.

⁴⁾ The "Second shaft extension" option, order code K16 is not possible.

⁵⁾ 2-pole motors 1LG6316-... to 1LG6317-... (motor series 1LG6 frame size 315 L) in 60 Hz version available on request.

⁶⁾ If the identification Ex nA II is required in addition to VIK on the rating plate, this must be ordered using order code C27. The VIK version is not possible in combination with Zone 21 and 22.

SIMOTICS XP 1LG Explosion-Proof Motors

Motors for Zone 2 or 21/22 in type of protection Ex n or Ex tD

Self-ventilated motors NEMA Energy Efficient MG1 Table 12-11
Cast-iron series 1LG6 with order code D42 and explosion protection

Selection and ordering data (continued)

Operating values at 60 Hz rated output														Cast-iron series		$m_{IM B3}$	J	Torque class		
$P_{rat. ed, 50 Hz}$	$P_{rat. ed, 60 Hz}$	Frame size	$n_{rat. ed, 60 Hz}$	$T_{rat. ed, 60 Hz}$	EISA CC No. CC032A	$\eta_{rated, 60 Hz, 4/4}$	$\eta_{rated, 60 Hz, 3/4}$	$\eta_{rated, 60 Hz, 2/4}$	COS- $\varphi_{rated, 60 Hz, 4/4}$	$I_{rated, 60 Hz, 460 V}$	T_{LR}/I_{rated}	I_{LR}/I_{rated}	T_B/I_{rated}	$L_{pfA, 60 Hz}$	$L_{WA, 60 Hz}$				1LG6 – NEMA Energy Efficient version for Zone 2 or 21/22 in type of protection Ex n or Ex tD	Order No. with order code for Ex prot.
kW	hp	FS	rpm	Nm		%	%	%		A										

- Cooling: Self-ventilated (IC 411)
- Efficiency: NEMA Energy Efficient in accordance with NEMA MG1 Table 12-11 and 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: 1200 rpm at 60 Hz																				
15	20	180 L	1178	121	✓	90.2	90.6	89.9	0.80	26	2.9	6.5	3.0	57	70	1LG6186-6AA	■ ■ ■ -Z D42+	175	0.20	16
18.5	25	200 L	1180	151	✓	90.6	92.0	91.2	0.79	32.5	2.9	6.5	2.7	65	78	1LG6206-6AA	■ ■ ■ -Z D42+	210	0.29	16
22	30	200 L	1180	181	✓	92.0	92.1	91.5	0.80	38.5	2.9	6.5	2.7	65	78	1LG6207-6AA	■ ■ ■ -Z D42+	240	0.36	16
30	40	225 M	1184	241	✓	92.1	93.3	92.7	0.82	49	3.4	7.2	3.4	62	75	1LG6223-6AA	■ ■ ■ -Z D42+	325	0.63	16
37	50	225 M	1184	301	✓	93.0	94.1	93.7	0.83	61	3.2	7.6	3.4	62	75	1LG6228-6AA	■ ■ ■ -Z D42+	355	0.76	16
37	50	250 M	1186	300	–	93.2	93.2	92.5	0.82	61	2.8	6.3	2.4	63	76	1LG6253-6AA	■ ■ ■ -Z D42+	405	0.93	16
45	60	250 M	1186	360	✓	93.2	93.8	93.4	0.82	73	3.4	7.7	2.9	63	76	1LG6258-6AA	■ ■ ■ -Z D42+	435	1.1	16
45	60	280 S	1190	359	–	93.8	93.7	93.0	0.83	72	3.6	7.7	3.1	62	75	1LG6280-6AA	■ ■ ■ -Z D42+	520	1.4	16
55	75	280 M	1190	449	–	93.7	93.6	92.9	0.83	90	3.9	8.3	3.3	62	75	1LG6283-6AA	■ ■ ■ -Z D42+	570	1.7	16
75	100	280 M	1190	599	✓	93.6	94.1	93.5	0.84	118	4.0	8.4	3.3	62	75	1LG6288-6AA	■ ■ ■ -Z D42+	615	1.9	16
75	100	315 S	1191	600	✓	94.1	94.0	93.2	0.82	121	3.3	8.4	3.4	66	79	1LG6310-6AA	■ ■ ■ -Z D42+	760	2.5	16
90	125	315 M	1191	750	✓	94.0	94.1	93.5	0.84	148	3.0	7.9	3.1	66	79	1LG6313-6AA	■ ■ ■ -Z D42+	935	3.2	16
110	150	315 L	1192	900	✓	94.1	95.1	94.5	0.84	176	3.3	8.5	3.3	66	79	1LG6316-6AA	■ ■ ■ -Z D42+	1010	4.0	16
132	175	315 L	1192	1050	–	95.1	95.0	94.3	0.84	205	3.8	8.9	3.6	66	79	1LG6317-6AA	■ ■ ■ -Z D42+	1180	4.7	16
160	200	315 L	1192	1200	✓	95.0	94.8	93.9	0.84	235	4.0	9.4	4.0	69	82	1LG6318-6AA	■ ■ ■ -Z D42+	1245	5.4	16

Voltagess	No. of poles	Motor type	Version	Order code(s)
50 Hz 230 VΔ/400 VY	60 Hz 460 VY	6 1LG6186 ... 313	Standard	1 –
50 Hz 400 VΔ/690 VY	60 Hz 460 VΔ	6 1LG6186 ... 318	Standard	6 –
50 Hz 500 VY		6 1LG6186 ... 313	Without additional charge	3 –
500 VΔ		6 1LG6186 ... 318	Without additional charge	5 –
Further voltagess	For additional charges, code numbers, order codes and descriptions, see supplements and special versions.			9 ...

Types of construction ¹⁾	No. of poles	Motor type	Version	Order code(s)
With flange	IM B5 ^{2) 3)}	6 1LG6186 ... 313	With additional charge	1 –
	IM V3 ^{2) 3)}	6 1LG6186 ... 313	With additional charge	9 M1G
	IM V1 with prot. cover ^{2) 3) 4)}	6 1LG6186 ... 318	With additional charge	4 –
Further types of constr.	For additional charges, code numbers, order codes and descriptions, see supplements and special versions.			9 ...

Design according to ATEX	No. of poles	Motor type	Version	Order code(s)
Zone 2	Mains-fed operation	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M72
	Converter-fed operation (FC)	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M73
VIK (includes Zone 2) ⁵⁾	Mains-fed operation	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + K30
	Converter-fed operation (FC)	6 1LG6186 ... 318	On request	–
Zone 21	Mains-fed operation	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M34
	Converter-fed operation (FC)	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M38
Zone 22	Mains-fed operation	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M35
	Converter-fed operation (FC)	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M39
Zone 2/22 (IP55)	Mains-fed operation	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M74
	Converter-fed operation (FC)	6 1LG6186 ... 318	With add. charge	1LG6 A . ■ ■ ■ -Z D42 + M75

Special versions	Order code(s)
Options	For additional charges, order codes and descriptions, see supplements and special versions. 1LG6 A . ■ ■ ■ -Z D42 + . . . + . . . + . . . + . . .

1) 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.

2) The following applies for explosion-proof motors: In the case of the types of construction with shaft extension down, the version "with protective cover" is required. For types of construction with shaft extension pointing upwards, a suitable cover must be implemented to prevent small parts from falling into the fan cover (see the standard IEC/EN 60079-0). The cover must not block the cooling air flow.

3) 1LG6223 to 1LG6318 motors are supplied with two screw-in eyebolts in accordance with IM B5, whereby one can be repositioned in accordance with IM V1 or IM V3. It is important to note that stress must not be applied perpendicular to the ring plane.

4) The "Second shaft extension" option, order code K16 is not possible.

5) If the identification Ex nA II is required in addition to VIK on the rating plate, this must be ordered using order code C27. The VIK version is not possible in combination with Zone 21 and 22.