

Rated output at 50 Hz	Frame size	Operating characteristics at rated output							Order No.	Price	Weight
		Rated speed at 50 Hz	Rated torque at 50 Hz	Relevant for IE changeover				Rated current at 400 V, 50 Hz			
P_{rated} kW	FS	n_{rated} rpm	M_{rated} Nm	Efficiency Class according to IEC 60034-30 standard	Efficiency at 50 Hz 100 %-load	Efficiency at 50 Hz 75 %-load	Power factor at 50 Hz 100 %-load		For Order No. supplements for voltage, type of construction and explosion protection zones according to ATEX, see tables below		IM B3 type of construction approx.
					η_{rated} %	η_{rated} %	$\cos\varphi_{\text{rated}}$	I_{rated} A			m kg
2-pole, 3000 rpm at 50 Hz, temperature class 155 (F), IP55 degree of protection, for use according to IEC 60034-30											
0.09	56 M	2830	0.3		70	70	0.76	0.24	1LA9 050-2KA□□		3
0.12	56 M	2830	0.4		70	70	0.81	0.31	1LA9 053-2KA□□		3.8
0.18	63 M	2840	0.61		70	70	0.78	0.48	1LA9 060-2KA□□		4.1
0.25	63 M	2840	0.84		72	72	0.8	0.63	1LA9 063-2KA□□		5.1
0.37	71 M	2840	1.2		74	74	0.77	0.94	1LA9 070-2KA□□		6
0.55	71 M	2835	1.9		75	75	0.75	1.42	1LA9 073-2KA□□		7.2
0.75	80 M	2870	2.5	IE2	77.4	77.4	0.82	1.71	1LA9 080-2KA□□		9.8
1.1	80 M	2860	3.7	IE2	79.6	79.6	0.89	2.25	1LA9 083-2KA□□		12.3
1.5	90 S	2890	5	IE2	81.3	81.3	0.87	3.05	1LA9 090-2KA□□		15
2.2	90 L	2890	7.3	IE2	83.2	83.2	0.87	4.40	1LA9 096-2KA□□		18.6
3	100 L	2890	9.9	IE2	84.6	84.6	0.88	5.8	1LA9 106-2KA□□		24
4	112 M	2905	13	IE2	85.8	85.8	0.89	7.6	1LA9 113-2KA□□		35
5.5	132 S	2930	18	IE2	87.0	87.0	0.9	10.1	1LA9 130-2KA□□		43
7.5	132 S	2930	24	IE2	88.1	88.1	0.92	13.4	1LA9 131-2KA□□		56
11	160 M	2945	36	IE2	89.4	89.4	0.9	19.7	1LA9 163-2KA□□		73
15	160 M	2945	49	IE2	90.3	90.3	0.9	26.5	1LA9 164-2KA□□		82
18.5	160 L	2940	60	IE2	90.9	91.0	0.92	32.0	1LA9 166-2KA□□		102
22	180 M	2945	71	IE2	91.3	91.5	0.89	39.0 ¹⁾	1LA9 183-2WA□□		131
30	200 L	2950	97	IE2	92.0	92.0	0.89	53	1LA9 206-2WA□□		185
37	200 L	2950	120	IE2	92.5	92.5	0.89	65 ¹⁾	1LA9 207-2WA□□		214

Special versions according to ATEX

Motor type	Zone 2		VIK (includes Zone 2) ²⁾		Zone 21		Zone 22	
	Mains-fed operation	Converter-fed operation (FC)	Mains-fed operation	Converter-fed operation (FC)	Mains-fed operation	Converter-fed operation (FC)	Mains-fed operation	Converter-fed operation (FC)
	Order code M72	Order code M73	Order code K30	On request	Order code M34	Order code M38	Order code M35	Order code M39
1LA9	56	–	–	–	✓	✓	✓	✓
	63	✓	✓	✓	✓	✓	✓	✓
	71	✓	✓	✓	✓	✓	✓	✓
	80	✓	✓	✓	✓	✓	✓	✓
	90	✓	✓	✓	✓	✓	✓	✓
	100	✓	✓	✓	✓	✓	✓	✓
	112	✓	✓	✓	✓	✓	✓	✓
	132	✓	✓	✓	✓	✓	✓	✓
	160	✓	✓	✓	✓	✓	✓	✓
	180	–	–	–	✓	✓	✓	✓
	200	–	–	–	✓	✓	✓	✓

✓ With additional charge
– Not possible

The motors can also be ordered in design for Zones 2 and 22 for non-conducting dust (IP55):
Mains-fed operation – order code **M74**
Converter-fed operation with derating – order code **M75**
See “Special versions” in the “Options” under “Options”.

The motors can also be used for 60 Hz according to EPACT.

1) For connection to 230 V, parallel feeders are necessary.

2) If the marking 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.

Order No.	Locked-rotor torque with direct starting torque	Locked-rotor current as multiple of rated current	Breakdown torque	Torque class	Moment of inertia	Noise at rated output	
	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	CL	J kgm ²	Measuring surface sound pressure level at 50 Hz L_{pFA} dB(A)	Sound pressure level at 50 Hz L_{WA} dB(A)
2-pole, 3000 rpm at 50 Hz, temperature class 155 (F), IP55 degree of protection, for use according to IEC 60034-30							
1LA9 050-2KAQQ	3.6	4.5	3	16	0.00015	41	52
1LA9 053-2KAQQ	3.2	4.3	2.8	16	0.0002	41	52
1LA9 060-2KAQQ	2.8	4.8	3.1	16	0.00022	49	60
1LA9 063-2KAQQ	2.5	4.9	2.5	16	0.00026	49	60
1LA9 070-2KAQQ	3.3	6.5	3.1	16	0.00041	52	63
1LA9 073-2KAQQ	3.6	6.3	2.9	16	0.0005	52	63
1LA9 080-2KAQQ	4.4	8.3	3.2	16	0.001	56	67
1LA9 083-2KAQQ	3.8	7	3.2	16	0.0013	56	67
1LA9 090-2KAQQ	4.1	7	3.5	16	0.0018	60	72
1LA9 096-2KAQQ	4.1	7	3.5	16	0.0022	60	72
1LA9 106-2KAQQ	3.4	7	3.2	16	0.0044	62	74
1LA9 113-2KAQQ	2.8	7	3.2	16	0.0077	63	75
1LA9 130-2KAQQ	2.7	7	3.2	16	0.019	68	80
1LA9 131-2KAQQ	2.8	7	3.1	16	0.024	68	80
1LA9 163-2KAQQ	2.5	7	3.1	16	0.044	70	82
1LA9 164-2KAQQ	2.5	7	3.1	16	0.051	70	82
1LA9 166-2KAQQ	2.4	7	3.1	16	0.065	70	82
1LA9 183-2WAQQ	2.6	7.2	3.3	16	0.09	70	83
1LA9 206-2WAQQ	2.5	7	3.2	16	0.16	71	84
1LA9 207-2WAQQ	2.7	7	3.3	16	0.2	71	84

Order No. supplements

Motor type	Penultimate position: Voltage code 50 Hz					Final position: Type of construction code					
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ		Without flange IM B3/6/7/8, IM V6 ¹⁾	With flange IM B5 ₁₁ , IM V3 ¹⁾	IM V1 with protective cover ^{1) 2)}	IM B35	With standard flange IM B14 ₁₁ , IM V19 ¹⁾	With special flange IM B34 IM B14 ₁₁ , IM V19 ¹⁾
	1	6	3	5	0	1	4	6	2	7	3
1LA9 05 QQ	○	○	○	–	□	✓	–	–	✓	✓	✓
1LA9 06 QQ	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 07 QQ	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 08 QQ	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 09 QQ	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 10 QQ	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 11 QQ	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 13 QQ	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 16 QQ	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 18 QQ	○	○	○	○	□	✓ ³⁾	✓	✓	–	–	–
1LA9 20 QQ	○	○	○	○	□	✓ ³⁾	✓	✓	–	–	–

- Standard version
- Without additional charge
- ✓ With additional charge
- Not possible

Order other voltages with voltage code **9** in the penultimate position and the corresponding order code (see “Special versions” in the “Options” under “Voltages”).

Order other types of construction with type of construction code **9** in the final position and the corresponding order code (see “Special versions” in the “Options” under “Types of construction”).

¹⁾ 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.

²⁾ The “Second shaft extension” option, order code **K16** is not possible.

³⁾ Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.

Rated out-put at 50 Hz	Frame size	Operating characteristics at rated output							Order No.	Price	Weight
		Rated speed at 50 Hz	Rated torque at 50 Hz	Relevant for IE changeover			Power factor at 50 Hz 100 %-load	Rated current at 400 V, 50 Hz			
				Efficiency Class according to IEC 60034-30 standard	Efficiency at 50 Hz 100 %-load	Efficiency at 50 Hz 75 %-load			For Order No. supplements for voltage, type of construction and explosion protection zones according to ATEX, see tables below	IM B3 type of construction approx.	
P_{rated} kW	FS	n_{rated} rpm	M_{rated} Nm		η_{rated} %	η_{rated} %	$\cos\varphi_{\text{rated}}$	I_{rated} A		m kg	
4-pole, 1500 rpm at 50 Hz, temperature class 155 (F), IP55 degree of protection, for use according to IEC 60034-30											
0.06	56 M	1380	0.42		61	61	0.66	0.22	1LA9 050-4KA□□	3	
0.09	56 M	1390	0.62		62	62	0.68	0.31	1LA9 053-4KA□□	3.8	
0.12	63 M	1395	0.82		66	66	0.65	0.41	1LA9 060-4KA□□	4.1	
0.18	63 M	1395	1.3		65	65	0.68	0.59	1LA9 063-4KA□□	5.1	
0.25	71 M	1410	1.7		70	70	0.64	0.81	1LA9 070-4KA□□	6	
0.37	71 M	1385	2.6		71	71	0.73	1.04	1LA9 073-4KA□□	7.2	
0.55	80 M	1410	3.7		77	77	0.78	1.32	1LA9 080-4KA□□	9.8	
0.75	80 M	1400	5.1	IE2	79.6	79.6	0.75	1.81	1LA9 083-4KA□□	12.3	
1.1	90 S	1440	7.3	IE2	81.4	81.4	0.77	2.55	1LA9 090-4KA□□	15	
1.5	90 L	1440	9.9	IE2	82.8	82.8	0.77	3.40	1LA9 096-4KA□□	18	
2.2	100 L	1435	15	IE2	84.3	84.3	0.82	4.60	1LA9 106-4KA□□	25	
3	100 L	1435	20	IE2	85.5	85.7	0.81	6.3	1LA9 107-4KA□□	30	
4	112 M	1440	27	IE2	86.6	87.0	0.81	8.2	1LA9 113-4KA□□	37	
5.5	132 S	1455	36	IE2	87.7	87.7	0.84	10.8	1LA9 130-4KA□□	45	
7.5	132 M	1455	49	IE2	88.7	88.9	0.84	14.5	1LA9 133-4KA□□	60	
11	160 M	1460	72	IE2	89.8	90.2	0.85	21.0	1LA9 163-4KA□□	81	
15	160 L	1460	98	IE2	90.6	90.8	0.86	28.0	1LA9 166-4KA□□	107	
18.5	180 M	1465	121	IE2	91.2	91.6	0.84	35 ¹⁾	1LA9 183-4WA□□	126	
22	180 L	1465	143	IE2	91.6	92.0	0.84	41.5 ¹⁾	1LA9 186-4WA□□	146	
30	200 L	1465	196	IE2	92.3	92.7	0.87	54	1LA9 207-4WA□□	199	

Special versions according to ATEX

Motor type	Zone 2		VIK (includes Zone 2) ²⁾		Zone 21		Zone 22		
	Frame size	Mains-fed operation Order code M72	Converter-fed operation (FC) Order code M73	Mains-fed operation Order code K30	Converter-fed operation (FC) On request	Mains-fed operation Order code M34	Converter-fed operation (FC) Order code M38	Mains-fed operation Order code M35	Converter-fed operation (FC) Order code M39
1LA9	56	–	–	–	–	✓	✓	✓	✓
	63	✓	✓	✓	✓	✓	✓	✓	✓
	71	✓	✓	✓	✓	✓	✓	✓	✓
	80	✓	✓	✓	✓	✓	✓	✓	✓
	90	✓	✓	✓	✓	✓	✓	✓	✓
	100	✓	✓	✓	✓	✓	✓	✓	✓
	112	✓	✓	✓	✓	✓	✓	✓	✓
	132	✓	✓	✓	✓	✓	✓	✓	✓
	160	✓	✓	✓	✓	✓	✓	✓	✓
	180	–	–	–	–	✓	✓	✓	✓
	200	–	–	–	–	✓	✓	✓	✓

- ✓ With additional charge
- Not possible

The motors can also be ordered in design for Zones 2 and 22 for non-conducting dust (IP55):
Mains-fed operation – order code **M74**
Converter-fed operation with derating – order code **M75**
See “Special versions” in the “Options”
under “Options”.

The motors can also be used for 60 Hz according to EPACT.

1) For connection to 230 V, parallel feeders are necessary.

2) If the marking 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.

Order No.	Locked-rotor torque with direct starting torque	Locked-rotor current as multiple of rated current	Breakdown torque	Torque class	Moment of inertia	Noise at rated output	
	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	CL	J kgm ²	Measuring surface sound pressure level at 50 Hz L_{pFA} dB(A)	Sound pressure level at 50 Hz L_{WA} dB(A)
4-pole, 1500 rpm at 50 Hz, temperature class 155 (F), IP55 degree of protection, for use according to IEC 60034-30							
1LA9 050-4KAQQ	2.7	3.1	2.8	16	0.00027	42	53
1LA9 053-4KAQQ	2.8	3.2	2.8	16	0.00035	42	53
1LA9 060-4KAQQ	2.7	3.5	2.6	16	0.00037	42	53
1LA9 063-4KAQQ	3	3.6	2.5	16	0.00045	42	53
1LA9 070-4KAQQ	3.6	4.3	3.1	16	0.00076	44	55
1LA9 073-4KAQQ	3.3	4.2	3	16	0.00095	44	55
1LA9 080-4KAQQ	3.4	5.6	2.9	16	0.0017	47	58
1LA9 083-4KAQQ	4	5.8	3.5	16	0.0024	47	58
1LA9 090-4KAQQ	3.1	6.4	3.2	16	0.0033	48	60
1LA9 096-4KAQQ	3.6	6.7	3.4	16	0.004	48	60
1LA9 106-4KAQQ	3.4	7	3.6	16	0.0062	53	65
1LA9 107-4KAQQ	3.8	7	3.9	16	0.0077	53	65
1LA9 113-4KAQQ	3.2	6.9	3.2	16	0.014	53	65
1LA9 130-4KAQQ	3.2	7	3.6	16	0.023	62	74
1LA9 133-4KAQQ	3.4	7	3.6	16	0.029	62	74
1LA9 163-4KAQQ	2.6	6.9	3.2	16	0.055	66	78
1LA9 166-4KAQQ	2.8	7	3.3	16	0.072	66	78
1LA9 183-4WAQQ	2.8	7	3.2	16	0.15	63	76
1LA9 186-4WAQQ	3.1	7.3	3.4	16	0.19	63	76
1LA9 207-4WAQQ	3	7	3.2	16	0.32	65	78

Order No. supplements

Motor type	Penultimate position: Voltage code				Final position: Type of construction code						
	50 Hz				Without flange	With flange		With standard flange		With special flange	
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ	IM B3/6/7/8, IM V6 ¹⁾	IM B5, IM V3 ¹⁾	IM V1 with protective cover ^{1) 2)}	IM B35	IM B14 ₁ , ¹⁾ IM V19 ¹⁾	IM B34	IM B14 ₁ , ¹⁾ IM V19 ¹⁾
	1	6	3	5	0	1	4	6	2	7	3
1LA9 05 □□	○	○	○	–	□	✓	–	–	✓	✓	✓
1LA9 06 □□	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 07 □□	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 08 □□	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 09 □□	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 10 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 11 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 13 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 16 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 18 □□	○	○	○	○	□	✓ ³⁾	✓	✓	–	–	–
1LA9 20 □□	○	○	○	○	□	✓ ³⁾	✓	✓	–	–	–

- Standard version
- Without additional charge
- ✓ With additional charge
- Not possible

Order other voltages with voltage code **9** in the penultimate position and the corresponding order code (see “Special versions” in the “Options” under “Voltages”).

Order other types of construction with type of construction code **9** in the final position and the corresponding order code (see “Special versions” in the “Options” under “Types of construction”).

¹⁾ 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.

²⁾ The “Second shaft extension” option, order code **K16** is not possible.

³⁾ Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.

Rated output at 50 Hz	Frame size	Operating characteristics at rated output							Order No.	Price	Weight
		Rated speed at 50 Hz	Rated torque at 50 Hz	Relevant for IE changeover				Rated current at 400 V, 50 Hz			
P_{rated} kW	FS	n_{rated} rpm	M_{rated} Nm	Efficiency Class according to IEC 60034-30 standard	Efficiency at 50 Hz 100 %-load	Efficiency at 50 Hz 75 %-load	Power factor at 50 Hz 100 %-load		For Order No. supplements for voltage, type of construction and explosion protection zones according to ATEX, see tables below		IM B3 type of construction approx.
					η_{rated} %	η_{rated} %	$\cos\varphi_{\text{rated}}$	I_{rated} A			m kg
6-pole, 1000 rpm at 50 Hz, temperature class 155 (F), IP55 degree of protection, for use according to IEC 60034-30											
0.75	90 S	925	7.7	IE2	75.9	75.9	0.72	1.98	1LA9 090-6KA□□		15.7
1.1	90 L	940	11	IE2	78.1	78.1	0.7	2.9	1LA9 096-6KA□□		19
1.5	100 L	935	15	IE2	79.8	79.8	0.73	3.7	1LA9 106-6KA□□		25
2.2	112 M	955	22	IE2	81.8	81.8	0.7	5.6	1LA9 113-6KA□□		37
4	132 M	950	40	IE2	84.6	84.6	0.81	8.4	1LA9 133-6KA□□		49
5.5	132 M	960	55	IE2	86.0	86.0	0.77	12.0	1LA9 134-6KA□□		64
7.5	160 M	965	74	IE2	87.2	87.2	0.72	17.2	1LA9 163-6KA□□		98
11	160 L	960	109	IE2	88.7	88.7	0.78	23.0	1LA9 166-6KA□□		105
15	180 L	970	148	IE2	89.7	89.7	0.75	32.0	1LA9 186-6WA□□		144
18.5	200 L	975	181	IE2	90.4	90.4	0.77	38.5	1LA9 206-6WA□□		186
22	200 L	975	215	IE2	90.9	90.9	0.77	45.5	1LA9 207-6WA□□		217

Special versions according to ATEX

Motor type		Zone 2		VIK (includes Zone 2) ¹⁾		Zone 21		Zone 22	
		Mains-fed operation	Converter-fed operation (FC)	Mains-fed operation	Converter-fed operation (FC)	Mains-fed operation	Converter-fed operation (FC)	Mains-fed operation	Converter-fed operation (FC)
		Order code M72	Order code M73	Order code K30	On request	Order code M34	Order code M38	Order code M35	Order code M39
1LA9	90	✓	✓	✓	✓	✓	✓	✓	✓
	100	✓	✓	✓	✓	✓	✓	✓	✓
	112	✓	✓	✓	✓	✓	✓	✓	✓
	132	✓	✓	✓	✓	✓	✓	✓	✓
	160	✓	✓	✓	✓	✓	✓	✓	✓
	180	–	–	–	–	✓	✓	✓	✓
	200	–	–	–	–	✓	✓	✓	✓

- ✓ With additional charge
- Not possible

The motors can also be orderd in design for Zones 2 and 22 for non-conducting dust (IP55):
Mains-fed operation – order code **M74**
Converter-fed operation with derating – order code **M75**
See “Special versions” in the “Options” under “Options”.

The motors can also be used for 60 Hz according to EPACT.

1) If the marking 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.

Order No.	Locked-rotor torque	Locked-rotor current	Breakdown torque	Torque class	Moment of inertia	Noise at rated output	
	with direct starting torque	as multiple of rated current	torque			Measuring surface sound pressure level at 50 Hz	Sound pressure level at 50 Hz
	T_{LR}/T_{rated}	I_{LR}/I_{rated}	T_B/T_{rated}	CL	J kgm ²	L_{pFA} dB(A)	L_{WA} dB(A)
6-pole, 1000 rpm at 50 Hz, temperature class 155 (F), IP55 degree of protection, for use according to IEC 60034-30							
1LA9 090-6KA□□	3.	4.4	2.5	16	0.0033	43	55
1LA9 096-6KA□□	3.7	5.7	3.2	16	0.005	43	55
1LA9 106-6KA□□	3.5	6.2	3.4	16	0.0065	47	59
1LA9 113-6KA□□	2.9	6.2	3	16	0.014	52	64
1LA9 133-6KA□□	3	6.3	2.7	16	0.025	63	75
1LA9 134-6KA□□	3.7	7.3	3.6	16	0.03	63	75
1LA9 163-6KA□□	2.4	5.5	2.5	16	0.063	66	78
1LA9 166-6KA□□	3.1	6.9	3.2	16	0.072	66	78
1LA9 186-6WA□□	2.2	6.5	2.5	16	0.19	66	78
1LA9 206-6WA□□	2.8	6.2	2.5	16	0.28	66	78
1LA9 207-6WA□□	2.8	6.2	2.5	16	0.36	66	78

Order No. supplements

Motor type	Penultimate position: Voltage code				Final position: Type of construction code						
	50 Hz				Without flange	With flange		With standard flange		With special flange	
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ	IM B3/6/7/8, IM V6 ¹⁾	IM B5, IM V3 ¹⁾	IM V1 with protective cover ^{1) 2)}	IM B35	IM B14, IM V19 ¹⁾	IM B34	IM B14, IM V19 ¹⁾
	1	6	3	5	0	1	4	6	2	7	3
1LA9 09 □□	○	○	○	–	□	✓	✓	✓	✓	✓	✓
1LA9 10 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 11 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 13 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 16 □□	○	○	○	○	□	✓	✓	✓	✓	✓	✓
1LA9 18 □□	○	○	○	○	□	✓ ³⁾	✓	✓	–	–	–
1LA9 20 □□	○	○	○	○	□	✓ ³⁾	✓	✓	–	–	–

- Standard version
- Without additional charge
- ✓ With additional charge
- Not possible

Order other voltages with voltage code **9** in the penultimate position and the corresponding order code (see “Special versions” in the “Options” under “Voltages”).

Order other types of construction with type of construction code **9** in the final position and the corresponding order code (see “Special versions” in the “Options” under “Types of construction”).

¹⁾ 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.

²⁾ The “Second shaft extension” option, order code **K16** is not possible.

³⁾ Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.