

Rated output at 50 Hz 1500 rpm	3000 rpm	Frame size	Order No. For Order No. supplements for voltage and type of construction, see table below	Price	Weight for type of construction IM B3 approx.
P_{rated} kW	P_{rated} kW	FS			m kg
4/2-pole, 1500/3000 rpm at 50 Hz, cooling method IC 411, IP55 degree of protection, double pole-changing for driving smoke-extraction fans with one winding in Dahlander circuit, with test certificate in accordance with EN 12101-3					
0.14	0.63	80 M	1LA7 080-0TAQQ		11.0
0.23	0.86	80 M	1LA7 083-0TAQQ		12.4
0.3	1.26	90 S	1LA7 090-0TAQQ		14.6
0.45	1.8	90 L	1LA7 096-0TAQQ		17.9
0.59	2.25	100 L	1LA7 106-0TAQQ		24.0
0.72	2.8	100 L	1LA7 107-0TAQQ		27.0
0.99	3.95	112 M	1LA7 113-0TAQQ		34.0
1.3	5.3	132 S	1LA7 130-0TAQQ		47.0
1.8	7.2	132 M	1LA7 133-0TAQQ		53.0
2.6	10.4	160 M	1LA7 163-0TAQQ		74.0
3.85	15.3	160 L	1LA7 166-0TAQQ		105.0
Rated output at 50 Hz 1000 rpm					
P_{rated} kW	1500 rpm P_{rated} kW				
6/4-pole, 1000/1500 rpm at 50 Hz, cooling method IC 411, IP55 degree of protection, double pole-changing for driving smoke-extraction fans with two windings, with test certificate in accordance with EN 12101-3					
0.11	0.36	80 M	1LA7 080-1TDQQ		10.0
0.16	0.5	80 M	1LA7 083-1TDQQ		11.4
0.26	0.72	90 S	1LA7 090-1TDQQ		14.6
0.34	0.99	90 L	1LA7 096-1TDQQ		17.9
0.54	1.53	100 L	1LA7 106-1TDQQ		24.0
0.68	1.89	100 L	1LA7 107-1TDQQ		27.0
0.81	2.7	112 M	1LA7 113-1TDQQ		34.0
1.08	3.5	132 S	1LA7 130-1TDQQ		47.0
1.53	4.85	132 M	1LA7 133-1TDQQ		53.0
2.25	6.5	160 M	1LA7 163-1TDQQ		73.0
3.35	10.8	160 L	1LA7 166-1TDQQ		98.0
4.95	14.4	180 M	1LA5 183-1TDQQ		125.0
5.9	17.1	180 L	1LA5 186-1TDQQ		139.0
8.6	23.5	200 L	1LA5 207-1TDQQ		184.0
Rated output at 50 Hz 750 rpm					
P_{rated} kW	1500 rpm P_{rated} kW				
8/4-pole, 750/1500 rpm at 50 Hz, cooling method IC 411, IP55 degree of protection, double pole-changing for driving smoke-extraction fans with one winding in Dahlander circuit, with test certificate in accordance with EN 12101-3					
0.09	0.45	80 M	1LA7 080-0TBQQ		10.0
0.14	0.63	80 M	1LA7 083-0TBQQ		11.4
0.2	0.9	90 S	1LA7 090-0TBQQ		14.6
0.3	1.35	90 L	1LA7 096-0TBQQ		17.9
0.45	1.8	100 L	1LA7 106-0TBQQ		24.0
0.59	2.25	100 L	1LA7 107-0TBQQ		27.0
0.81	3.25	112 M	1LA7 113-0TBQQ		34.0
0.99	4.25	132 S	1LA7 130-0TBQQ		47.0
1.26	5.8	132 M	1LA7 133-0TBQQ		53.0
1.98	8.6	160 M	1LA7 163-0TBQQ		73.0
3	12.6	160 L	1LA7 166-0TBQQ		98.0
4.05	14.4	180 M	1LA5 183-0TBQQ		125.0
4.5	16.7	180 L	1LA5 186-0TBQQ		139.0
6.8	25	200 L	1LA5 207-0TBQQ		184.0

The rated outputs and weights may change slightly after they have been checked.

Further electrical data can be calculated and supplied on receipt of order.

Order No. supplements

Motor type	Penultimate position: Voltage code			Final position: Type of construction code								
	50 Hz, direct online starting			Without flange	With flange			With standard flange			With special flange	
	230 V	400 V	500 V	IM B3/6/7/8, IM V6, IM V5 without protective cover	IM B5, IM V3 ¹⁾	IM V1 without protective cover ¹⁾	IM V1 with protective cover ^{1) 2)}	IM B35	IM B14, IM V19/18 without protective cover	IM B34	IM B14, IM V19/18 without protective cover	
	1	6	5	0	1	1	8	4	6	2	7	3
1LA7 08 . - . . . □□	○	○	○	□	✓	✓	-	✓	✓	✓	✓	✓
1LA7 09 . - . . . □□	○	○	○	□	✓	✓	-	✓	✓	✓	✓	✓
1LA7 10 . - . . . □□	○	○	○	□	✓	✓	-	✓	✓	✓	✓	✓
1LA7 11 . - . . . □□	○	○	○	□	✓	✓	-	✓	✓	✓	✓	✓
1LA7 13 . - . . . □□	○	○	○	□	✓	✓	-	✓	✓	✓	✓	✓
1LA7 16 . - . . . □□	○	○	○	□	✓	✓	-	✓	✓	✓	✓	✓
1LA5 18 . - . . . □□	○	○	○	□	✓ ³⁾	✓	-	✓	✓	-	-	-
1LA5 20 . - . . . □□	○	○	○	□	✓ ³⁾	✓	-	✓	✓	-	-	-

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

Order other voltages with voltage code **9** in the penultimate position and with order code **L1Y** (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) 1LA5 183-... to 1LA5 223-... motors (motor series 1LA5, frame size 180 M to 225 M) can be supplied with two additional eyebolts; specify supplement “**Z**” and order code **K32**.

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**.