

Rated output with		Frame size	Order No. For Order No. supplements for voltage and type of construction, see table below	Price	Weight For IM B3 type of construction approx.
50 Hz P_{rated} kW	60 Hz P_{rated} kW	FS	► Phase-out model		m kg
2-pole, 3000 rpm at 50 Hz, 3600 rpm at 60 Hz, temperature class 155 (F), used acc. to temperature class 130 (B), IP55 degree of protection, with reduced output					
0.12	0.14	63 M	1LP7 060-2AA□□		3.4
0.16	0.18	63 M	1LP7 063-2AA□□		3.9
0.19	0.22	71 M	1LP7 070-2AA□□		4.9
0.27	0.3	71 M	1LP7 073-2AA□□		6.4
0.35	0.40	80 M	1LP7 080-2AA□□		8.0
0.55	0.6	80 M	1LP7 083-2AA□□		9.6
0.82	0.95	90 S	1LP7 090-2AA□□		12.5
1.1	1.25	90 L	1LP7 096-2AA□□		15.2
1.3	1.5	100 L	► 1LP7 106-2AA□□		22.3
1.8	2.1	112 M	► 1LP7 113-2AA□□		29.0
2.5	2.9	132 S	► 1LP7 130-2AA□□		42.0
3.4	3.9	132 S	► 1LP7 131-2AA□□		51.0
5	5.7	160 M	► 1LP7 163-2AA□□		70.0
6	6.9	160 M	► 1LP7 164-2AA□□		82.0
7	8	160 L	► 1LP7 166-2AA□□		99.0
10	11.5	180 M	1LP5 183-2AA□□		112.0
13.5	15.5	200 L	1LP5 206-2AA□□		160.0
16.5	19	200 L	1LP5 207-2AA□□		182.0

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		60 Hz				Without flange	With flange		With standard flange	With special flange	
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ	460 VY	460 VΔ	IM B3/6/7/8, IM V6, IM V5 without protective cover	IM B5, IM V1 without protective cover 1) IM V3	IM B35	IM B14, IM V19, IM V18 without protective cover	IM B34	IM B14, IM V19, IM V18 without protective cover
	1	6	3	5	1	6	0	1	6	2	7	3
1LP7 06 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 07 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 08 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 09 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 10 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 11 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 13 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 16 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP5 18 QQ	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–
1LP5 20 QQ	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–

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

► The Order No. for 1LP7 motors marked with this symbol are phase-out models.
 1PC1 motors are the successors.
 For additional information see “New Generation 1LE1/1PC1” under “Self-cooled motors without external fan and fan cover with improved efficiency”.

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) 1LP5 183-... to 1LP5 207-... motors (motor series 1LA5, frame sizes 180 M to 200 L) can be supplied with two additional eyebolts; specify supplement **-Z** and order code **K32**.
 2) Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.

Rated output with		Frame size	Order No. For Order No. supplements for voltage and type of construction, see table below	Price	Weight For IM B3 type of construction approx.
50 Hz P_{rated} kW	60 Hz P_{rated} kW	FS	► Phase-out model		m kg
4-pole, 1500 rpm at 50 Hz, 1800 rpm at 60 Hz, temperature class 155 (F), used acc. to temperature class 155 (F), IP55 degree of protection, with reduced output					
0.07	0.08	63 M	1LP7 060-4AB□□		3.4
0.12	0.14	63 M	1LP7 063-4AB□□		3.9
0.13	0.15	71 M	1LP7 070-4AB□□		4.7
0.19	0.22	71 M	1LP7 073-4AB□□		5.8
0.22	0.25	80 M	1LP7 080-4AA□□		7.8
0.38	0.45	80 M	1LP7 083-4AA□□		9.1
0.55	0.63	90 S	1LP7 090-4AA□□		11.9
0.65	0.75	90 L	1LP7 096-4AA□□		15.1
0.88	1.00	100 L	► 1LP7 106-4AA□□		23.0
1.2	1.4	100 L	► 1LP7 107-4AA□□		25.0
1.6	1.85	112 M	► 1LP7 113-4AA□□		30.0
2.5	2.9	132 S	► 1LP7 130-4AA□□		44.0
3.1	3.6	132 M	► 1LP7 133-4AA□□		54.0
4.8	5.5	160 M	► 1LP7 163-4AA□□		74.0
5.4	6.2	160 L	► 1LP7 166-4AA□□		90.0
7.5	8.5	180 M	1LP5 183-4AA□□		109.0
9	10.5	180 L	1LP5 186-4AA□□		122.0
12	14	200 L	1LP5 207-4AA□□		165.0

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		60 Hz				Without flange	With flange		With standard flange	With special flange	
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ	460 VY	460 VΔ	IM B3/6/7/8, IM V6, IM V5 without protective cover	IM B5, IM V1 without protective cover 1) IM V3	IM B35	IM B14, IM V19, IM V18 without protective cover	IM B34	IM B14, IM V19, IM V18 without protective cover
	1	6	3	5	1	6	0	1	6	2	7	3
1LP7 06 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 07 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 08 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 09 QQ	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 10 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 11 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 13 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 16 QQ	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP5 18 QQ	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–
1LP5 20 QQ	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–

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

► The Order No. for 1LP7 motors marked with this symbol are phase-out models.
 1PC1 motors are the successors.
 For additional information see “New Generation 1LE1/1PC1” under “Self-cooled motors without external fan and fan cover with improved efficiency”.

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) 1LP5 183-... to 1LP5 207-... motors (motor series 1LA5, frame sizes 180 M to 200 L) can be supplied with two additional eyebolts; specify supplement **-Z** and order code **K32**.
 2) Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.

Rated output with		Frame size	Order No. For Order No. supplements for voltage and type of construction, see table below	Price	Weight For IM B3 type of construction approx.
50 Hz P_{rated} kW	60 Hz P_{rated} kW	FS	► Phase-out model		m kg
6-pole, 1000 rpm at 50 Hz, 1200 rpm at 60 Hz, temperature class 155 (F), used acc. to temperature class 155 (F), IP55 degree of protection, with reduced output					
0.045	0.05	63 M	1LP7 063-6AA□□		4.0
0.09	0.105	71 M	1LP7 070-6AA□□		6.1
0.13	0.15	71 M	1LP7 073-6AA□□		6.1
0.18	0.2	80 M	1LP7 080-6AA□□		7.3
0.27	0.3	80 M	1LP7 083-6AA□□		9.1
0.37	0.4	90 S	1LP7 090-6AA□□		12.1
0.5	0.57	90 L	1LP7 096-6AA□□		15.2
0.7	0.8	100 L	► 1LP7 106-6AA□□		23.3
1.0	1.15	112 M	► 1LP7 113-6AA□□		26.0
1.7	1.9	132 S	► 1LP7 130-6AA□□		40.0
2	2.3	132 M	► 1LP7 133-6AA□□		45.0
2.3	2.65	132 M	► 1LP7 134-6AA□□		52.0
3.3	3.8	160 M	► 1LP7 163-6AA□□		74.0
4	4.6	160 L	► 1LP7 166-6AA□□		99.0
6.5	7.5	180 L	1LP5 186-6AA□□		122.0
8.5	10	200 L	1LP5 207-6AA□□		165.0

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						60 Hz					
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ	460 VY	460 VΔ	Without flange	With flange	With standard flange	With special flange		
					(see "Introduction" for outputs at 60 Hz)		IM B3/6/7/8, IM V6, IM V5 without protective cover	IM B5, IM V1 without protective cover ¹⁾ IM V3	IM B35	IM B14, IM V19, IM V18 without protective cover	IM B34	IM B14, IM V19, IM V18 without protective cover
	1	6	3	5	1	6	0	1	6	2	7	3
1LP7 06 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 07 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 08 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 09 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 10 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 11 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 13 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 16 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP5 18 □□	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–
1LP5 20 □□	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–

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

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1PC1 motors are the successors.
For additional information see "New Generation
1LE1/1PC1" under "Self-cooled motors without external fan and fan cover with improved efficiency".

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⁾ 1LP5 183-... to 1LP5 207-... motors (motor series 1LA5, frame sizes 180 M to 200 L) can be supplied with two additional eyebolts; specify supplement **-Z** and order code **K32**.

²⁾ Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.

Rated output with		Frame size	Order No. For Order No. supplements for voltage and type of construction, see table below	Price	Weight For IM B3 type of construction approx.
50 Hz P_{rated} kW	60 Hz P_{rated} kW	FS	► Phase-out model		m kg
8-pole, 750 rpm at 50 Hz, 900 rpm at 60 Hz, temperature class 155 (F), used acc. to temperature class 155 (F), IP55 degree of protection, with reduced output					
0.045	0.05	71 M	1LP7 070-8AB□□		6.1
0.06	0.07	71 M	1LP7 073-8AB□□		6.1
0.09	0.105	80 M	1LP7 080-8AB□□		7.3
0.13	0.15	80 M	1LP7 083-8AB□□		9.1
0.25	0.29	90 S	1LP7 090-8AB□□		10.2
0.35	0.4	90 L	1LP7 096-8AB□□		12.8
0.45	0.5	100 L	► 1LP7 106-8AB□□		19.4
0.65	0.75	100 L	► 1LP7 107-8AB□□		21.3
0.8	0.9	112 M	► 1LP7 113-8AB□□		23.3
1.2	1.4	132 S	► 1LP7 130-8AB□□		40.0
1.45	1.7	132 M	► 1LP7 133-8AB□□		48.0
1.8	2.1	160 M	► 1LP7 163-8AB□□		59.0
2.4	2.8	160 L	► 1LP7 164-8AB□□		68.0
3	3.45	160 L	► 1LP7 166-8AB□□		88.0
5.5	6.5	180 L	1LP5 186-8AB□□		122.0
7.5	9	200 L	1LP5 207-8AB□□		180.0

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			60 Hz			Without flange	With flange		With standard flange	With special flange	
	230 VΔ/400 VY	400 VΔ/690 VY	500 VY	500 VΔ	460 VY	460 VΔ	IM B3/6/7/8, IM V6, IM V5 without protective cover	IM B5, IM V1 without protective cover 1) IM V3	IM B35	IM B14, IM V19, IM V18 without protective cover	IM B34	IM B14, IM V19, IM V18 without protective cover
	1	6	3	5	1	6	0	1	6	2	7	3
1LP7 06 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 07 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 08 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 09 □□	○	○	○	–	○	○	□	✓	✓	✓	✓	✓
1LP7 10 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 11 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 13 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP7 16 □□	○	○	○	○	○	○	□	✓	✓	✓	✓	✓
1LP5 18 □□	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–
1LP5 20 □□	○	○	○	○	○	○	□	✓ ²⁾	✓	–	–	–

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

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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⁾ 1LP5 183-... to 1LP5 207-... motors (motor series 1LA5, frame sizes 180 M to 200 L) can be supplied with two additional eyebolts; specify supplement **-Z** and order code **K32**.

²⁾ Type of construction IM V3 is only possible using type of construction code **9** and order code **M1G**.