



IE1

SIMOTICS GP 1PP Standard Motors

Motors with Standard Efficiency IE1

Forced-air cooled motors without external fan and fan cover – Aluminum series 1PP7 and 1PP5

Selection and ordering data

P _{rated} , 50 Hz	P _{rated} , 60 Hz 1)	Frame size	Operating values at rated output										Aluminum series 1PP7/1PP5 – IE1 version in accordance with IEC 60034-30 Order No.	m _{IM B3} J	Torque class			
			η _{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 _{LR} / I _{rated}	L _R / I _{rated}				T _B / I _{rated}	L _{pfA} , 50 Hz	L _{WA} , 50 Hz
kW	kW	FS	rpm	Nm	%	%	%	A								kg	kgm ²	CL

- Cooling: Forced-air cooled without external fan and fan cover (IC 416)
- Efficiency: Standard Efficiency IE1, service factor (SF) 1.1
- Insulation: Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)

2-pole: 3000 rpm at 50 Hz, 3600 rpm at 60 Hz ¹⁾

0.18	0.21	63 M	2820	0.61	–	62.0	60.5	56.0	0.82	0.51	2.0	3.7	2.2	–	–	1PP7060-2AA	3.6	0.00018	16
0.25	0.29	63 M	2830	0.84	–	63.0	62.0	57.0	0.82	0.70	2.0	4.0	2.2	–	–	1PP7063-2AA	4.0	0.00022	16
0.37	0.43	71 M	2740	1.3	–	66.0	65.0	61.0	0.82	0.99	2.3	3.5	2.3	–	–	1PP7070-2AA	5.0	0.00029	16
0.55	0.63	71 M	2800	1.9	–	71.0	71.0	67.0	0.82	1.36	2.5	4.3	2.6	–	–	1PP7073-2AA	6.0	0.00041	16
0.75	0.86	80 M	2855	2.5	IE1	72.1	72.1	68.1	0.86	1.75	2.3	5.6	2.4	–	–	1PP7080-2AA	9.0	0.00079	16
1.1	1.27	80 M	2845	3.7	IE1	75.0	75.0	72.0	0.87	2.45	2.6	6.1	2.7	–	–	1PP7083-2AA	10.7	0.0010	16
1.5	1.75	90 S	2860	5.0	IE1	77.2	77.7	74.2	0.85	3.3	2.4	5.5	2.7	–	–	1PP7090-2AA	13	0.0014	16
2.2	2.55	90 L	2880	7.3	IE1	79.7	79.7	78.7	0.85	4.7	2.8	6.3	3.1	–	–	1PP7096-2AA	15.7	0.0018	16
3	3.45	100 L	2890	9.9	IE1	81.5	81.5	80.5	0.85	6.3	2.8	6.8	3.0	–	–	1PP7106-2AA	21.5	0.0035	16
4	4.55	112 M	2905	13	IE1	83.1	83.1	82.1	0.86	8.1	2.6	7.2	2.9	–	–	1PP7113-2AA	28.5	0.0059	16
5.5	6.3	132 S	2925	18	IE1	84.7	84.7	83.7	0.89	10.5	2.0	5.9	2.8	–	–	1PP7130-2AA	39	0.015	16
7.5	8.6	132 S	2930	24	IE1	86.0	86.0	85.0	0.89	14.1	2.3	6.9	3.0	–	–	1PP7131-2AA	48	0.019	16
11	12.6	160 M	2940	36	IE1	87.6	87.6	86.6	0.88	20.5	2.1	6.5	2.9	–	–	1PP7163-2AA	68	0.034	16
15	17.3	160 M	2940	49	IE1	88.7	88.7	87.7	0.90	27	2.2	6.6	3.0	–	–	1PP7164-2AA	77	0.043	16
18.5	21.3	160 L	2940	60	IE1	89.3	89.3	88.3	0.91	33	2.4	7.0	3.1	–	–	1PP7166-2AA	86	0.051	16
22	24.5	180 M	2940	71	IE1	89.9	89.9	88.9	0.88	40 ²⁾	2.5	6.9	3.2	–	–	1PP5183-2AA	113	0.077	16
30	33.5	200 L	2945	97	IE1	90.7	90.7	89.7	0.89	54	2.4	7.2	2.8	–	–	1PP5206-2AA	159	0.14	16
37	41.5	200 L	2945	120	IE1	91.2	91.2	90.2	0.89	66 ²⁾	2.4	7.7	2.8	–	–	1PP5207-2AA	179	0.16	16

Voltages		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)			
50 Hz	230 VΔ/400 VY	60 Hz ¹⁾	460 VY	2	1PP7060 ... 166	1PP5183 ... 207	Standard	1	–
50 Hz	400 VΔ/690 VY	60 Hz ¹⁾	460 VΔ	2	1PP7060 ... 166	1PP5183 ... 207	Standard	6	–
50 Hz	500 VY			2	1PP7060 ... 166	1PP5183 ... 207	Without add. charge	3	–
50 Hz	500 VΔ			2	1PP7106 ... 166	1PP5183 ... 207	Without add. charge	5	–

Further voltages ¹⁾ For additional charges, code numbers and descriptions, see supplements and special versions. 9 ...

Types of construction		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)	
Without flange	IM B3/6/7/8, IM V6, IM V5 without protective cover	2	1PP7060 ... 166	1PP5183 ... 207	Standard	0	–
With flange	IM B5, IM V1 without protective cover ^{3) 4)}	2	1PP7060 ... 166	1PP5183 ... 207	With add. charge	1	–
		2	1PP7060 ... 166	–	With add. charge	1	–
With standard flange	IM B14, IM V19, IM V18 without protective cover	2	–	1PP5183 ... 207	With add. charge	9	M1G
		2	1PP7060 ... 166	–	With add. charge	2	–
With special flange	IM B14, IM V19, IM V18 without protective cover	2	1PP7060 ... 166	–	With add. charge	3	–
Further types of construction	For additional charges, code numbers and descriptions, see supplements and special versions.					9	...

Special versions		Order code(s)
Options	For additional charges, code numbers and descriptions, see supplements and special versions.	1PP -Z ...+...+...+...

1) Operating values at rated output for 60 Hz are available on request.
 2) For connection to 230 V, parallel feeders are necessary.
 3) 1PP5 motors can be supplied as an option with two additional eyebolts – specify order code K32.
 4) The "Second shaft extension" option, order code K16 is not possible.

SIMOTICS GP 1PP Standard Motors

Motors with Standard Efficiency IE1

Forced-air cooled motors without external fan and fan cover – Aluminum series 1PP7 and 1PP5

IE1



Selection and ordering data (continued)

Operating values at rated output															Aluminum series			
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	$\cos\phi$ 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	1PP7/1PP5 – IE1 version in accordance with IEC 60034-30 Order No.	$m_{IM B3}$ J	Torque class
kW	kW	FS	rpm	Nm	%	%	%	A							Successor 1LE1002 with order code F90	kg	kgm ²	CL

- Cooling: Forced-air cooled without external fan and fan cover (IC 416)
- Efficiency: Standard Efficiency IE1, service factor (SF) 1.1
- 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⁾																			
0.12	0.14	63 M	1350	0.85	–	53.6	52.1	47.6	0.75	0.43	1.9	2.8	2.0	–	–	1PP7060-4AB	3.6	0.00029	13
0.18	0.21	63 M	1350	1.3	–	58.3	56.8	52.3	0.77	0.58	1.9	3.0	1.9	–	–	1PP7063-4AB	4.0	0.00037	13
0.25	0.29	71 M	1350	1.8	–	61.9	60.4	55.9	0.78	0.75	1.9	3.0	1.9	–	–	1PP7070-4AB	4.8	0.00052	13
0.37	0.43	71 M	1370	2.6	–	65.8	64.8	60.8	0.78	1.04	1.9	3.3	2.1	–	–	1PP7073-4AB	6.3	0.00077	13
0.55	0.63	80 M	1395	3.8	–	69.4	69.4	65.4	0.81	1.41	2.2	3.9	2.2	–	–	1PP7080-4AA	8.8	0.0014	16
0.75	0.86	80 M	1395	5.1	IE1	72.1	72.1	68.1	0.80	1.88	2.3	4.2	2.3	–	–	1PP7083-4AA	10	0.0017	16
1.1	1.27	90 S	1415	7.4	IE1	75.0	75.0	72.0	0.81	2.6	2.3	4.6	2.4	–	–	1PP7090-4AA	12.9	0.0024	16
1.5	1.75	90 L	1420	10	IE1	77.2	77.7	74.2	0.81	3.45	2.4	5.3	2.6	–	–	1PP7096-4AA	15.5	0.0033	16
2.2	2.55	100 L	1420	15	IE1	79.7	79.7	78.7	0.82	4.85	2.5	5.6	2.8	–	–	1PP7106-4AA	21	0.0047	16
3	3.45	100 L	1420	20	IE1	81.5	81.5	80.5	0.82	6.5	2.7	5.6	3.0	–	–	1PP7107-4AA	24	0.0055	16
4	4.55	112 M	1440	27	IE1	83.1	83.1	82.1	0.83	8.4	2.7	6.0	3.0	–	–	1PP7113-4AA	30.5	0.012	16
5.5	6.3	132 S	1455	36	IE1	84.7	84.7	83.7	0.81	11.6	2.5	6.3	3.1	–	–	1PP7130-4AA	41	0.018	16
7.5	8.6	132 M	1455	49	IE1	86.0	86.0	85.0	0.82	15.4	2.7	6.7	3.2	–	–	1PP7133-4AA	49	0.023	16
11	12.6	160 M	1460	72	IE1	87.6	87.6	86.6	0.84	21.5	2.2	6.2	2.7	–	–	1PP7163-4AA	73	0.043	16
15	17.3	160 L	1460	98	IE1	88.7	88.7	87.7	0.84	29	2.6	6.5	3.8	–	–	1PP7166-4AA	85	0.055	16
18.5	21.3	180 M	1455	121	IE1	89.3	89.3	88.3	0.83	36 ²⁾	2.3	7.5	3.0	–	–	1PP5183-4AA	113	0.13	16
22	25.3	180 L	1455	144	IE1	89.9	89.9	88.9	0.84	42 ²⁾	2.3	7.5	3.0	–	–	1PP5186-4AA	123	0.15	16
30	34.5	200 L	1465	196	IE1	90.7	90.7	89.7	0.86	56	2.6	7.0	3.2	–	–	1PP5207-4AA	157	0.24	16

Voltages		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)			
50 Hz	230 VΔ/400 VY	60 Hz ¹⁾	460 VY	4	1PP7060 ... 166	1PP5183 ... 207	Standard	1	–
50 Hz	400 VΔ/690 VY	60 Hz ¹⁾	460 VΔ	4	1PP7060 ... 166	1PP5183 ... 207	Standard	6	–
50 Hz	500 VY			4	1PP7060 ... 166	1PP5183 ... 207	Without add. charge	3	–
50 Hz	500 VΔ			4	1PP7106 ... 166	1PP5183 ... 207	Without add. charge	5	–
Further voltages ¹⁾		For additional charges, code numbers and descriptions, see supplements and special versions.						9	...
Types of construction		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)			
Without flange		IM B3/6/7/8, IM V6, IM V5 without protective cover	4	1PP7060 ... 166	1PP5183 ... 207	Standard	0	–	
With flange		IM B5, IM V1 without protective cover ^{3) 4)}	4	1PP7060 ... 166	1PP5183 ... 207	With add. charge	1	–	
		IM V3 ³⁾	4	1PP7060 ... 166	–	With add. charge	1	–	
			4	–	1PP5183 ... 207	With add. charge	9	M1G	
With standard flange		IM B14, IM V19, IM V18 without protective cover	4	1PP7060 ... 166	–	With add. charge	2	–	
With special flange		IM B14, IM V19, IM V18 without protective cover	4	1PP7060 ... 166	–	With add. charge	3	–	
Further types of construction		For additional charges, code numbers and descriptions, see supplements and special versions.						9	...
Special versions							Order code(s)		
Options		For additional charges, code numbers and descriptions, see supplements and special versions.					1PP -Z	...+...+...+...	

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

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

3) 1PP5 motors can be supplied as an option with two additional eyebolts – specify order code K32.

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



IE1

SIMOTICS GP 1PP Standard Motors

Motors with Standard Efficiency IE1

Forced-air cooled motors without external fan and fan cover – Aluminum series 1PP7 and 1PP5

Selection and ordering data (continued)

P _{rated} , 50 Hz	P _{rated} , 60 Hz 1)	Frame size	Operating values at rated output										Aluminum series 1PP7/1PP5 – IE1 version in accordance with IEC 60034-30 Order No.	m _{IM B3} J	Torque class			
			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	COSφ 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
kW	kW	FS	rpm	Nm	%	%	%	A										

- **Cooling: Forced-air cooled without external fan and fan cover (IC 416)**
- **Efficiency: Standard Efficiency IE1, service factor (SF) 1.1**
- **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⁾																			
0.09	0.10	63 M	850	1.0	–	50.2	48.7	44.2	0.66	0.39	1.8	2.0	1.9	–	–	1PP7063-6AA	4.0	0.00037	13
0.18	0.21	71 M	850	2.0	–	57.3	55.8	51.3	0.68	0.67	2.1	2.3	1.9	–	–	1PP7070-6AA	4.8	0.00055	16
0.25	0.29	71 M	860	2.8	–	61.9	60.4	55.9	0.76	0.77	2.2	2.7	2.0	–	–	1PP7073-6AA	5.8	0.00080	16
0.37	0.43	80 M	920	3.8	–	64.1	63.1	59.1	0.72	1.16	1.9	3.1	2.1	–	–	1PP7080-6AA	8.6	0.0014	16
0.55	0.63	80 M	910	5.8	–	67.5	67.0	63.5	0.74	1.59	2.1	3.4	2.2	–	–	1PP7083-6AA	9.8	0.0017	16
0.75	0.86	90 S	915	7.8	IE1	70.0	70.0	66.0	0.76	2.05	2.2	3.7	2.2	–	–	1PP7090-6AA	12.6	0.0024	16
1.1	1.27	90 L	915	11	IE1	72.9	72.9	69.9	0.77	2.85	2.3	3.8	2.3	–	–	1PP7106-6AA	15.7	0.0033	16
1.5	1.75	100 L	925	15	IE1	75.2	75.2	72.2	0.75	3.85	2.3	4.0	2.3	–	–	1PP7106-6AA	21	0.0047	16
2.2	2.55	112 M	940	22	IE1	77.7	78.2	75.2	0.78	5.2	2.2	4.6	2.5	–	–	1PP7113-6AA	26	0.0091	16
3	3.45	132 S	950	30	IE1	79.7	79.7	78.7	0.76	7.1	1.9	4.2	2.2	–	–	1PP7130-6AA	38	0.015	16
4	4.55	132 M	950	40	IE1	81.4	81.4	80.4	0.76	9.3	2.1	4.5	2.4	–	–	1PP7133-6AA	44	0.019	16
5.5	6.3	132 M	950	55	IE1	83.1	83.1	82.1	0.76	12.6	2.3	5.0	2.6	–	–	1PP7134-6AA	52	0.025	16
7.5	8.6	160 M	960	75	IE1	84.7	84.7	83.7	0.74	17.3	2.1	4.6	2.5	–	–	1PP7163-6AA	74	0.044	16
11	12.6	160 L	960	109	IE1	86.4	86.4	85.4	0.74	25	2.3	4.8	2.6	–	–	1PP7166-6AA	95	0.063	16
15	18	180 L	970	148	IE1	87.7	87.7	86.7	0.77	32	2.0	5.2	2.4	–	–	1PP5186-6AA	126	0.15	16
18.5	22	200 L	975	181	IE1	88.6	88.6	87.6	0.77	39	2.7	5.5	2.8	–	–	1PP5206-6AA	161	0.24	16
22	26.5	200 L	975	215	IE1	89.2	89.2	88.2	0.77	46	2.8	5.5	2.9	–	–	1PP5207-6AA	183	0.28	16

Voltages		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)			
50 Hz	230 VΔ/400 VY	60 Hz ¹⁾	460 VY	6	1PP7063 ... 166	1PP5186 ... 207	Standard	1	–
50 Hz	400 VΔ/690 VY	60 Hz ¹⁾	460 VΔ	6	1PP7063 ... 166	1PP5186 ... 207	Standard	6	–
50 Hz	500 VY			6	1PP7063 ... 166	1PP5186 ... 207	Without add. charge	3	–
50 Hz	500 VΔ			6	1PP7106 ... 166	1PP5186 ... 207	Without add. charge	5	–

Further voltages ¹⁾		For additional charges, code numbers and descriptions, see supplements and special versions.					9	...
Types of construction		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)		
Without flange	IM B3/6/7/8, IM V6, IM V5 without protective cover	6	1PP7063 ... 166	1PP5186 ... 207	Standard	0	–	
With flange	IM B5, IM V1 without protective cover ²⁾³⁾ IM V3 ²⁾	6	1PP7063 ... 166	1PP5186 ... 207	With add. charge	1	–	
		6	1PP7063 ... 166	–	With add. charge	1	–	
		6	–	1PP5186 ... 207	With add. charge	9	M1G	
With standard flange	IM B14, IM V19, IM V18 without protective cover	6	1PP7063 ... 166	–	With add. charge	2	–	
With special flange	IM B14, IM V19, IM V18 without protective cover	6	1PP7063 ... 166	–	With add. charge	3	–	
Further types of construction	For additional charges, code numbers and descriptions, see supplements and special versions.					9	...	

Special versions		Order code(s)
Options	For additional charges, code numbers and descriptions, see supplements and special versions.	1PP -Z+.....+.....

¹⁾ Operating values at rated output for 60 Hz are available on request.
²⁾ 1PP5 motors can be supplied as an option with two additional eyebolts – specify order code K32.
³⁾ The "Second shaft extension" option, order code K16 is not possible.

SIMOTICS GP 1PP Standard Motors

Motors with Standard Efficiency IE1

Forced-air cooled motors without external fan and fan cover – Aluminum series 1PP7 and 1PP5

IE1



Selection and ordering data (continued)

P _{rated} , 50 Hz	P _{rated} , 60 Hz 1)	Frame size	Operating values at rated output											Aluminum series 1PP7/1PP5 – IE1 version in accordance with IEC 60034-30 Order No.	m _{IM B3} J	Torque class			
			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	COSφ rated, 50 Hz, 4/4	I _{rated} , 50 Hz, 400 V	T _{LR} / I _{rated}	L _R / I _{rated}	T _B / I _{rated}				L _{pfA} , 50 Hz	L _{WA} , 50 Hz	
kW	kW	FS	rpm	Nm	%	%	%	A									kg	kgm ²	CL

- **Cooling:** Forced-air cooled without external fan and fan cover (IC 416)
- **Efficiency:** Standard Efficiency IE1, service factor (SF) 1.1
- **Insulation:** Thermal class 155 (temperature class F), IP55 degree of protection, utilization in accordance with thermal class 130 (temperature class B)

8-pole: 750 rpm at 50 Hz, 900 rpm at 60 Hz ¹⁾																			
0.09	0.104	71 M	630	1.4	–	51.0	49.5	45.0	0.68	0.38	1.9	2.2	1.7	–	–	1PP7070-8AB	5.8	0.00080	13
0.12	0.14	71 M	645	1.8	–	51.0	49.5	45.0	0.64	0.53	2.2	2.2	2.0	–	–	1PP7073-8AB	5.8	0.00080	13
0.18	0.21	80 M	675	2.5	–	49.0	47.5	43.0	0.68	0.78	1.7	2.3	1.9	–	–	1PP7080-8AB	8.8	0.0014	13
0.25	0.29	80 M	685	3.5	–	53.0	51.5	47.0	0.64	1.06	2.0	2.6	2.2	–	–	1PP7083-8AB	9.9	0.0017	13
0.37	0.43	90 S	675	5.2	–	61.0	59.5	55.0	0.75	1.17	1.6	2.9	1.8	–	–	1PP7090-8AB	11	0.0023	13
0.55	0.63	90 L	675	7.8	–	64.0	63.0	59.0	0.76	1.63	1.7	3.0	1.9	–	–	1PP7096-8AB	12.6	0.0031	13
0.75	0.86	100 L	680	11	–	64.0	63.0	59.0	0.76	2.25	1.6	3.0	1.9	–	–	1PP7106-8AB	19	0.0051	13
1.1	1.27	100 L	680	15	–	70.0	70.0	66.0	0.76	3.0	1.8	3.3	2.1	–	–	1PP7107-8AB	21.5	0.0063	13
1.5	1.75	112 M	705	20	–	72.1	72.1	68.1	0.76	3.95	1.8	3.7	2.1	–	–	1PP7113-8AB	24	0.013	13
2.2	2.55	132 S	700	30	–	73.2	73.2	70.2	0.74	5.9	1.9	3.9	2.3	–	–	1PP7130-8AB	38	0.014	13
3	3.45	132 M	700	41	–	75.2	75.2	72.2	0.74	7.8	2.1	4.1	2.4	–	–	1PP7133-8AB	44	0.019	13
4	4.55	160 M	715	53	–	78.3	78.8	75.8	0.72	10.2	2.2	4.5	2.6	–	–	1PP7163-8AB	64	0.036	13
5.5	6.3	160 M	710	74	–	81.9	81.9	80.9	0.73	13.3	2.3	4.7	2.7	–	–	1PP7164-8AB	74	0.046	13
7.5	8.6	160 L	715	100	–	83.9	83.9	82.9	0.72	17.9	2.7	5.3	3.0	–	–	1PP7166-8AB	94	0.064	13
11	13.2	180 L	725	145	–	85.5	85.5	84.5	0.75	25	2.0	5.0	2.2	–	–	1PP5186-8AB	128	0.21	13
15	18	200 L	725	198	–	86.1	86.1	85.1	0.78	32	2.1	5.0	2.2	–	–	1PP5207-8AB	176	0.37	13

Voltages		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)			
50 Hz	230 VΔ/400 VY	60 Hz ¹⁾	460 VY	8	1PP7063 ... 166	1PP5186 ... 207	Standard	1	–
50 Hz	400 VΔ/690 VY	60 Hz ¹⁾	460 VΔ	8	1PP7063 ... 166	1PP5186 ... 207	Standard	6	–
50 Hz	500 VY			8	1PP7063 ... 166	1PP5186 ... 207	Without add. charge	3	–
50 Hz	500 VΔ			8	1PP7106 ... 166	1PP5186 ... 207	Without add. charge	5	–
Further voltages ¹⁾		For additional charges, code numbers and descriptions, see supplements and special versions.					9	...	
Types of construction		No. of poles	Motor type 1PP7	Motor type 1PP5	Version	Order code(s)			
Without flange			IM B3/6/7/8, IM V6, IM V5 without protective cover	8	1PP7063 ... 166	1PP5186 ... 207	Standard	0	–
With flange			IM B5, IM V1 without protective cover ²⁾³⁾	8	1PP7063 ... 166	1PP5186 ... 207	With add. charge	1	–
			IM V3 ²⁾	8	1PP7063 ... 166	–	With add. charge	1	–
				8	–	1PP5186 ... 207	With add. charge	9	M1G
With standard flange			IM B14, IM V19, IM V18 without protective cover	8	1PP7063 ... 166	–	With add. charge	2	–
With special flange			IM B14, IM V19, IM V18 without protective cover	8	1PP7063 ... 166	–	With add. charge	3	–
Further types of construction		For additional charges, code numbers and descriptions, see supplements and special versions.					9	...	
Special versions		Order code(s)							
Options		For additional charges, code numbers and descriptions, see supplements and special versions.					1PP -Z	. . . + . . . + . . .	

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

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

2) 1PP5 motors can be supplied as an option with two additional eyebolts – specify order code K32.