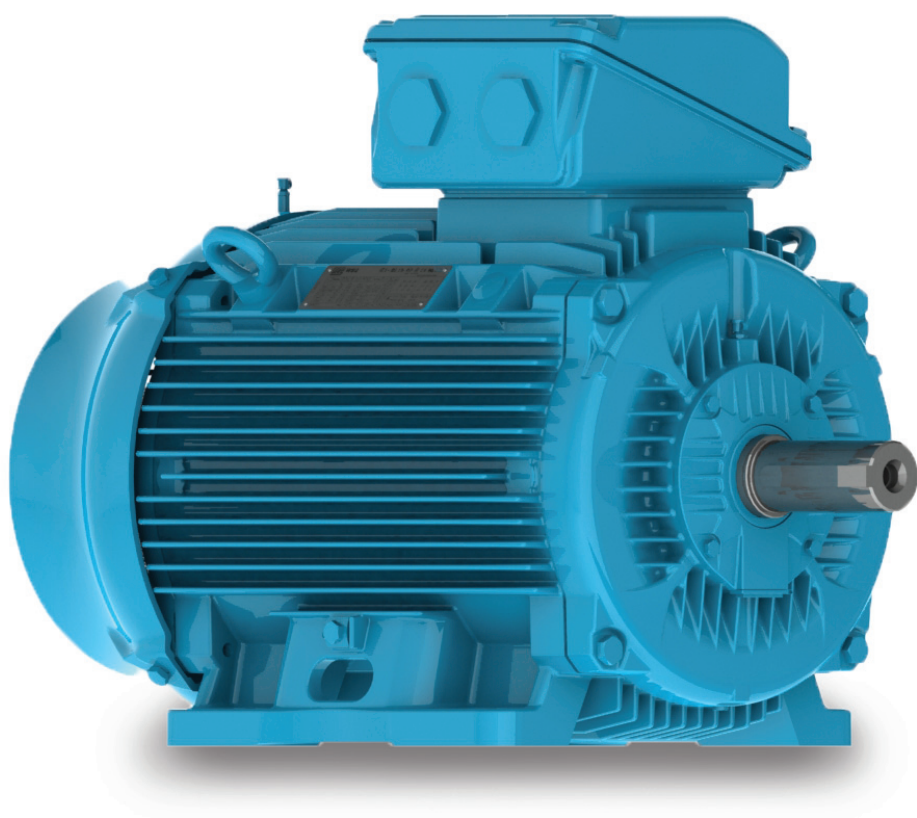


Motors

**11**

IE2 - AC Three Phase - 4 Pole 1500 rpm - Flange Mounted (B5)

Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material	Siemens Part Code
0.25K4P71B5IE2F3SIEUDE	0.25	1500	71	B5	Cast Iron	1MD5070-0BD11-4BA1
0.37K4P71B5IE2F3SIEUDE	0.37	1500	71	B5	Cast Iron	1MD5071-0BD11-4BA1
0.55K4P80B5IE2F3SIEUDE	0.55	1500	80	B5	Cast Iron	1MD5080-0BD11-4BA1
0.75K4P80B5IE2F3SIEUDE	0.75	1500	80	B5	Cast Iron	1MD5081-0BD11-4BA1
1.1K4P90B5IE2F3SIEUDE	1.1	1500	90S	B5	Cast Iron	1MD5095-0BD11-4BA1
1.5K4P90B5IE2F3SIEUDE	1.5	1500	90L	B5	Cast Iron	1MD5098-0BD11-4BA1
2.2K4P100B5IE2F3SIEUDE	2.2	1500	100L	B5	Cast Iron	1MD5106-0BD11-4BA1
3K4P100B5IE2F3SIEUDE	3	1500	100L	B5	Cast Iron	1MD5108-0BD11-4BA1
4K4P112B5IE2F3SIEUDE	4	1500	112M	B5	Cast Iron	1MD5113-0BD61-4BA1
5.5K4P132B5IE2F3SIEUDE	5.5	1500	132S	B5	Cast Iron	1MD5131-0BD61-4BA1
7.5K4P132B5IE2F3SIEUDE	7.5	1500	132M	B5	Cast Iron	1MD5133-0BD61-4BA1
11K4P160B5IE2F3SIEUDE	11	1500	160M	B5	Cast Iron	1MD5163-0BD61-4BA1
15K4P160B5IE2F3SIEUDE	15	1500	160L	B5	Cast Iron	1MD5166-0BD61-4BA1
18.5K4P180B5IE2F3SIEUDE	18.5	1500	180M	B5	Cast Iron	1MD5183-0BD61-4BA1
22K4P180B5IE2F3SIEUDE	22	1500	180L	B5	Cast Iron	1MD5186-0BD61-4BA1
30K4P200B5IE2F3SIEUDE	30	1500	200L	B5	Cast Iron	1MD5206-0BD61-4BA1
37K4P225B5IE2F3SIEUDE	37	1500	225S	B5	Cast Iron	1MD5220-0BD61-4BA1
45K4P225B5IE2F3SIEUDE	45	1500	225M	B5	Cast Iron	1MD5223-0BD61-4BA1
55K4P250B5IE2F3SIEUDE	55	1500	250M	B5	Cast Iron	1MD5253-0BD61-4BA1
75K4P280B5IE2F3SIEUDE ‡	75	1500	280S	B5	Cast Iron	1MD5280-0BD61-4BA1
90K4P280B5IE2F3SIEUDE ‡	90	1500	280M	B5	Cast Iron	1MD5283-0BD61-4BA1
110K4P315B5IE2F3SIEUDE ‡	110	1500	315S	B5	Cast Iron	1MD5311-0BD61-4BA1
132K4P315B5IE2F3SIEUDE ‡	132	1500	315M	B5	Cast Iron	1MD5313-0BD61-4BA1
160K4P315B5IE2F3SIEUDE ‡	160	1500	315M	B5	Cast Iron	1MD5315-0BD61-4BA1
200K4P315B5IE2F3SIEUDE ‡	200	1500	315L	B5	Cast Iron	1MD5316-0BD61-4BA1
250K4P315B5IE2F3SIEUDE ‡	250	1500	315L	B5	Cast Iron	1MD5317-0BD61-4BA1

‡ Special delivery applies. Please call for details

WEG Motors

AC Induction Motors (General / Industrial Duty)

IE3 (Premium Efficiency) - WEG Motors (B3) Cast Iron



- Premium efficiency - complying with IE3 efficiency levels according to IEC60034-30
- Inverter ready for voltages <= 460V
- WISE® (WEG Insulation System Evolution) insulation system - suitable for inverter duty applications *
- V-Ring seal for frames 63 to 200L and for frames 225S/M to 355A/B
- Regreasing nipple for frames 225S/M to 355A/B
- Metric threaded cable entries on the terminal box
- IP55 protection as standard (up to IP66 on request)
- Voltages 230V Delta / 400V Star (460V) +/-10%, 50(60)Hz for frame sizes <= 100
- 400V Delta (460V) / 690V Star +/-10%, 50(60)Hz for frame sizes 112 and above
- Class F insulation with class B temperature rise
- PTC Thermistors fitted as standard for frame sizes 160 and above
- Excellent performance and reliability
- Reduced energy consumption / lower running costs
- For additional details about Inverter operation, please contact us

* Special Insulation for voltage above 575V

IE3 - AC Three Phase - 2 Pole 3000 rpm - Foot Mounted (B3) Cast Iron

Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material
0.75K2P80B3IE3F3WE	0.75	3000	80	B3	Cast Iron
1.1K2P80B3IE3F3WE	1.1	3000	80	B3	Cast Iron
1.5K2P90B3IE3F3WE	1.5	3000	90 S	B3	Cast Iron
2.2K2P90B3IE3F3WE	2.2	3000	90 L	B3	Cast Iron
3K2P100B3IE3F3WE	3	3000	100 L	B3	Cast Iron
4K2P112B3IE3F3WE	4	3000	112 M	B3	Cast Iron
5.5K2P132B3IE3F3WE	5.5	3000	132 S	B3	Cast Iron
7.5K2P132B3IE3F3WE	7.5	3000	132 S	B3	Cast Iron
9.2K2P132B3IE3F3WE	9.2	3000	132 M	B3	Cast Iron
11K2P160B3IE3F3WE	11	3000	160 M	B3	Cast Iron
15K2P160B3IE3F3WE	15	3000	160 M	B3	Cast Iron
18.5K2P160B3IE3F3WE	18.5	3000	160 L	B3	Cast Iron
22K2P180B3IE3F3WE	22	3000	180 M	B3	Cast Iron
30K2P200B3IE3F3WE	30	3000	200 L	B3	Cast Iron
37K2P200B3IE3F3WE	37	3000	200 L	B3	Cast Iron
45K2P225B3IE3F3WE	45	3000	225 S/M	B3	Cast Iron
55K2P250B3IE3F3WE	55	3000	250 S/M	B3	Cast Iron
75K2P250B3IE3F3WE	75	3000	250 S/M	B3	Cast Iron
75K2P280B3IE3F3WE ‡	75	3000	280 S/M	B3	Cast Iron
90K2P280B3IE3F3WE ‡	90	3000	280 S/M	B3	Cast Iron
110K2P280B3IE3F3WE ‡	110	3000	280 S/M	B3	Cast Iron
110K2P315B3IE3F3WE ‡	110	3000	315 S/M	B3	Cast Iron
132K2P315B3IE3F3WE ‡	132	3000	315 S/M	B3	Cast Iron
160K2P315B3IE3F3WE ‡	160	3000	315 S/M	B3	Cast Iron
185K2P315B3IE3F3WE ‡	185	3000	315 S/M	B3	Cast Iron
200K2P315B3IE3F3WE ‡	200	3000	315 L	B3	Cast Iron
200K2P355B3IE3F3WE ‡	200	3000	355 M/L	B3	Cast Iron
220K2P315B3IE3F3WE ‡	220	3000	315 L	B3	Cast Iron
220K2P355B3IE3F3WE ‡	220	3000	355 M/L	B3	Cast Iron
250K2P315B3IE3F3WE ‡	250	3000	315 L	B3	Cast Iron
250K2P355B3IE3F3WE ‡	250	3000	355 M/L	B3	Cast Iron
280K2P315B3IE3F3WE ‡	280	3000	315 L	B3	Cast Iron
280K2P355B3IE3F3WE ‡	280	3000	355 M/L	B3	Cast Iron
315K2P355B3IE3F3WE ‡	315	3000	355 M/L	B3	Cast Iron

IE3 - AC Three Phase - 4 Pole 1500 rpm - Foot Mounted (B3) Cast Iron



Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material
0.75K4P80B3IE3F3WE	0.75	1500	80	B3	Cast Iron
1.1K4P90B3IE3F3WE	1.1	1500	90 S	B3	Cast Iron
1.5K4P90B3IE3F3WE	1.5	1500	90 L	B3	Cast Iron
2.2K4P100B3IE3F3WE	2.2	1500	100 L	B3	Cast Iron
3K4P100B3IE3F3WE	3	1500	100 L	B3	Cast Iron
4K4P112B3IE3F3WE	4	1500	112 M	B3	Cast Iron
5.5K4P132B3IE3F3WE	5.5	1500	132 S	B3	Cast Iron
7.5K4P132B3IE3F3WE	7.5	1500	132 M	B3	Cast Iron
9.2K4P132B3IE3F3WE	9.2	1500	132 M	B3	Cast Iron
11K4P160B3IE3F3WE	11	1500	160 M	B3	Cast Iron
15K4P160B3IE3F3WE	15	1500	160 L	B3	Cast Iron
18.5K4P180B3IE3F3WE	18.5	1500	180 M	B3	Cast Iron
22K4P180B3IE3F3WE	22	1500	180 L	B3	Cast Iron
30K4P200B3IE3F3WE	30	1500	200 L	B3	Cast Iron
37K4P225B3IE3F3WE	37	1500	225 S/M	B3	Cast Iron
45K4P225B3IE3F3WE	45	1500	225 S/M	B3	Cast Iron
55K4P250B3IE3F3WE	55	1500	250 S/M	B3	Cast Iron
75K4P250B3IE3F3WE	75	1500	250 S/M	B3	Cast Iron
75K4P280B3IE3F3WE ‡	75	1500	280 S/M	B3	Cast Iron
90K4P280B3IE3F3WE ‡	90	1500	280 S/M	B3	Cast Iron
110K4P280B3IE3F3WE ‡	110	1500	280 S/M	B3	Cast Iron
110K4P315B3IE3F3WE ‡	110	1500	315 S/M	B3	Cast Iron
132K4P315B3IE3F3WE ‡	132	1500	315 S/M	B3	Cast Iron

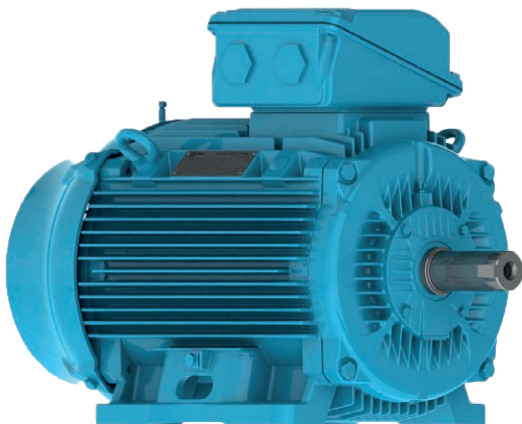
Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material
110K4P315B5IE3F3WE ‡	110	1500	315 S/M	B5	Cast Iron
132K4P315B5IE3F3WE ‡	132	1500	315 S/M	B5	Cast Iron
160K4P315B5IE3F3WE ‡	160	1500	315 S/M	B5	Cast Iron
185K4P315B5IE3F3WE ‡	185	1500	315 S/M	B5	Cast Iron
200K4P315B5IE3F3WE ‡	200	1500	315 L	B5	Cast Iron
200K4P355B5IE3F3WE ‡	200	1500	355 M/L	B5	Cast Iron
220K4P315B5IE3F3WE ‡	220	1500	315 L	B5	Cast Iron
220K4P355B5IE3F3WE ‡	220	1500	355 M/L	B5	Cast Iron
250K4P315B5IE3F3WE ‡	250	1500	315 L	B5	Cast Iron
250K4P355B5IE3F3WE ‡	250	1500	355 M/L	B5	Cast Iron
280K4P355B5IE3F3WE ‡	280	1500	355 M/L	B5	Cast Iron
315K4P355B5IE3F3WE ‡	315	1500	355 M/L	B5	Cast Iron
355K4P355B5IE3F3WE ‡	355	1500	355 M/L	B5	Cast Iron

IE3 - AC Three Phase - 6 Pole 1000 rpm - Flange Mounted (B5) Cast Iron



Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material
1.1K6P90B5IE3F3WE	1.1	1000	90L	B5	Cast Iron
1.5K6P100B5IE3F3WE	1.5	1000	100L	B5	Cast Iron
2.2K6P112B5IE3F3WE	2.2	1000	112M	B5	Cast Iron
3K6P132B5IE3F3WE	3	1000	132S	B5	Cast Iron
4K6P132B5IE3F3WE	4	1000	132M	B5	Cast Iron
5.5K6P132B5IE3F3WE	5.5	1000	132M	B5	Cast Iron
7.5K6P160B5IE3F3WE	7.5	1000	160M	B5	Cast Iron
11K6P160B5IE3F3WE	11	1000	160L	B5	Cast Iron
15K6P180B5IE3F3WE	15	1000	180L	B5	Cast Iron
18.5K6P200B5IE3F3WE	18.5	1000	200L	B5	Cast Iron
22K6P200B5IE3F3WE	22	1000	200L	B5	Cast Iron

IE3 WIMES SPEC Motors



- IE3 Motors meeting New European Minimum Energy Performance Standard (EU MEPS)
- Inverter ready for voltages <= 575V
- Insulated NDE bearing hubs as standard for frames 280S/M to 355A/B
- Thermistors (1 per phase) fitted as standard (frames 63 to 355A/B)
- Space heaters (dual voltage 110V and 230V) fitted as standard (frames 63 to 355A/B)
- Additional terminal box for thermistors and space heaters as standard with WIMES compliant heater warning label
- Continuous duty: S1
- Ambient temperature: -30°C to 40 °C, at 1000 m.a.s.l
- Voltages: 220-240/380-415V (up to frame size 100L) /380-415/660V (112M to 355A/B)
- Degree of protection: IPW55
- Class "F" insulation ($\Delta T=80$ K)
- Vibration level: Grade A as per IEC 60034-14
- Regreasing nipples for frames 160M to 355A/B
- Painting: paint finish polyurethane (Plan 202P) for aggressive sheltered industrial environments.
- External earth terminals
- Excellent performance and reliability
- Reduced energy consumption / lower running costs

* For additional details about Inverter operation, please contact us.

IE3 - AC Three Phase 2 Pole 3000 rpm - Foot Mounted (B3) WIMES Motor



Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material
0.75K2P80B3IE3F3WEW	0.75	3000	80	B3	Cast Iron
1.1K2P80B3IE3F3WEW	1.1	3000	80	B3	Cast Iron
1.5K2P90B3IE3F3WEW	1.5	3000	90 S	B3	Cast Iron
2.2K2P90B3IE3F3WEW	2.2	3000	90 L	B3	Cast Iron
3K2P100B3IE3F3WEW	3	3000	100 L	B3	Cast Iron
4K2P112B3IE3F3WEW	4	3000	112 M	B3	Cast Iron
5.5K2P132B3IE3F3WEW	5.5	3000	132 S	B3	Cast Iron
7.5K2P132B3IE3F3WEW	7.5	3000	132 S	B3	Cast Iron
9.2K2P132B3IE3F3WEW	9.2	3000	132 M	B3	Cast Iron
11K2P160B3IE3F3WEW	11	3000	160 M	B3	Cast Iron
15K2P160B3IE3F3WEW	15	3000	160 M	B3	Cast Iron
18.5K2P160B3IE3F3WEW	18.5	3000	160 L	B3	Cast Iron
22K2P180B3IE3F3WEW	22	3000	180 M	B3	Cast Iron
30K2P200B3IE3F3WEW	30	3000	200 L	B3	Cast Iron
37K2P200B3IE3F3WEW	37	3000	200 L	B3	Cast Iron
45K2P225B3IE3F3WEW	45	3000	225 S/M	B3	Cast Iron
55K2P250B3IE3F3WEW	55	3000	250 S/M	B3	Cast Iron
75K2P250B3IE3F3WEW	75	3000	250 S/M	B3	Cast Iron
75K2P280B3IE3F3WEW ‡	75	3000	280 S/M	B3	Cast Iron
90K2P280B3IE3F3WEW ‡	90	3000	280 S/M	B3	Cast Iron
110K2P280B3IE3F3WEW ‡	110	3000	280 S/M	B3	Cast Iron
110K2P315B3IE3F3WEW ‡	110	3000	315 S/M	B3	Cast Iron
132K2P315B3IE3F3WEW ‡	132	3000	315 S/M	B3	Cast Iron
160K2P315B3IE3F3WEW ‡	160	3000	315 S/M	B3	Cast Iron
185K2P315B3IE3F3WEW ‡	185	3000	315 S/M	B3	Cast Iron
200K2P315B3IE3F3WEW ‡	200	3000	315 L	B3	Cast Iron
200K2P355B3IE3F3WEW ‡	200	3000	355 M/L	B3	Cast Iron
220K2P315B3IE3F3WEW ‡	220	3000	315 L	B3	Cast Iron
220K2P355B3IE3F3WEW ‡	220	3000	355 M/L	B3	Cast Iron
250K2P315B3IE3F3WEW ‡	250	3000	315 L	B3	Cast Iron
250K2P355B3IE3F3WEW ‡	250	3000	355 M/L	B3	Cast Iron
280K2P315B3IE3F3WEW ‡	280	3000	315 L	B3	Cast Iron
280K2P355B3IE3F3WEW ‡	280	3000	355 M/L	B3	Cast Iron
315K2P355B3IE3F3WEW ‡	315	3000	355 M/L	B3	Cast Iron

IE3 - AC Three Phase 4 Pole 1500 rpm - Foot Mounted (B3) WIMES Motor



Brammer Part Code	kW	Nominal RPM	Frame Size	Mount	Material
0.75K4P80B3IE3F3WEW	0.75	1500	80	B3	Cast Iron
1.1K4P90B3IE3F3WEW	1.1	1500	90 S	B3	Cast Iron
1.5K4P90B3IE3F3WEW	1.5	1500	90 L	B3	Cast Iron
2.2K4P100B3IE3F3WEW	2.2	1500	100 L	B3	Cast Iron
3K4P100B3IE3F3WEW	3	1500	100 L	B3	Cast Iron
4K4P112B3IE3F3WEW	4	1500	112 M	B3	Cast Iron
5.5K4P132B3IE3F3WEW	5.5	1500	132 S	B3	Cast Iron
7.5K4P132B3IE3F3WEW	7.5	1500	132 M	B3	Cast Iron
9.2K4P132B3IE3F3WEW	9.2	1500	132 M	B3	Cast Iron
11K4P160B3IE3F3WEW	11	1500	160 M	B3	Cast Iron
15K4P160B3IE3F3WEW	15	1500	160 L	B3	Cast Iron
18.5K4P180B3IE3F3WEW	18.5	1500	180 M	B3	Cast Iron
22K4P180B3IE3F3WEW	22	1500	180 L	B3	Cast Iron
30K4P200B3IE3F3WEW	30	1500	200 L	B3	Cast Iron
37K4P225B3IE3F3WEW	37	1500	225 S/M	B3	Cast Iron
45K4P225B3IE3F3WEW	45	1500	225 S/M	B3	Cast Iron
55K4P250B3IE3F3WEW	55	1500	250 S/M	B3	Cast Iron
75K4P250B3IE3F3WEW	75	1500	250 S/M	B3	Cast Iron
75K4P280B3IE3F3WEW ‡	75	1500	280 S/M	B3	Cast Iron