

IEC Low Voltage Motors (< 1,000 VAC)

Wide product portfolio for any industry, any application

True IEC design and dimensions

- TEFC – M3AA/M3BP, frame 63 - 500 – cast aluminum up to 280, cast iron up to 500
– Power range – 0.09 to 1,500 kW (0.16 to **2,000 Hp**)
- Water Jacketed – M3LP, frame 280 - 500 – cast iron/fabricated steel
– Power range – 90 to 2,000 kW (120 to **2,600 Hp**)
- Square-laminate frame – HDP blower cooled or TEFC, frame 100 - 315
– Power range – 11 to 1,500 kW (15 to **2,000 Hp**)
- SynRM technology – M3BL, frame 160 - 315 – cast iron – IE5 efficiency on VFD
– Power range – 11 to 350 kW (15 to **470 Hp**)
- Permanent Magnet – M3BJ/M3LJ air-cooled or water-cooled, frame 280 - 560
– Power range – up to 2,500 kW (**3,300 Hp**)

NEMA dimensions

- TEFC – M3BN, frame 586/7/8 – cast iron
– 250 to **800 Hp**

Safe area motors

- Induction motors in aluminum and cast iron
- Synchronous reluctance motors
- Permanent magnet motors
- High speed motors
- Water cooled motors

Hazardous area motors

- Flameproof motors
- Flameproof mining motors
- Increased safety motors
- Non-sparking motors
- Dust ignition proof motors

Industry and special applications

- Marine, mining, food & beverage, water, HVAC
- Food safe stainless motors
- Brake motors
- High ambient motors
- Square-laminate frame variable speed motors
- Roller table motors
- Smoke extraction motors
- Smart sensor enabled motors



We have more to offer than just the IEC motors shown in this stock catalog. Contact your local sales office to discuss the full line of ABB custom IEC motors.

NEW!**Process Performance IEC aluminum, three phase, 50/60 Hz, 400/460VY**

0.12-55 kW (0.16-75 Hp)

IP55**Features:**

- Durable cast aluminum construction (extruded aluminum in frame sizes 200 and above)
- Cast iron end shield standard on frame sizes 160 and up
- IEC efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan

- 6 post terminal block in large, F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Inverter ready 2:1CT and 20:1VT
- Painting system C3M acc. to ISO 12944-5:2007
- (3) PTC thermistors, 150 °C standard on sizes 100-250
- IC411 enclosure (TEFC)

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- General machinery

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted											
0.18 // 0.24	1500/1800	63	MM06184-S-AP	3GAA062312-ASF	M3AA 63B 4	290	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	1500/1800	71	MM07254-S-AP	3GAA072311-ASE	M3AA 71A 4	298	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	MM07372-S-AP	3GAA071311-ASE	M3AA 71A 2	311	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MM07374-S-AP	3GAA072312-ASE	M3AA 71B 4	336	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.73	3000/3600	71	MM07552-S-AP	3GAA071312-ASE	M3AA 71B 2	344	IPP	9.45	13	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	MM08554-S-AP	3GAA082311-ASE	M3AA 80A 4	372	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMM08752-S-AP	3GAA081320-ASK	M3AA 80MB 2	529	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMM08754-S-AP	3GAA082350-ASK	M3AA 80ME 4	550	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1000/1200	90	EMM09756-S-AP	3GAA093540-ASK	M3AA 90LD 6	693	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMM08112-S-AP	3GAA081330-ASK	M3AA 80MC 2	575	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMM09114-S-AP	3GAA092530-ASK	M3AA 90LC 4	627	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1000/1200	100	EMM10116-S-AP	3GAA103550-ASK	M3AA 100LE 6	850	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMM09152-S-AP	3GAA091520-ASK	M3AA 90LB 2	686	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMM09154-S-AP	3GAA092540-ASK	M3AA 90LD 4	737	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1000/1200	100	EMM10156-S-AP	3GAA103560-ASK	M3AA 100LF 6	973	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMM09222-S-AP	3GAA091530-ASK	M3AA 90LC 2	863	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMM10224-S-AP	3GAA102550-ASK	M3AA 100LE 4	904	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1000/1200	112	EMM11226-S-AP	3GAA113330-ASK	M3AA 112MC 6	1,223	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	EMM10032-S-AP	3GAA101530-ASK	M3AA 100LC 2	1,022	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMM10034-S-AP	3GAA102560-ASK	M3AA 100LF 4	1,074	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1000/1200	132	EMM13036-S-AP	3GAA133330-ASK	M3AA 132MC 6	1,354	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	EMM11042-S-AP	3GAA111320-ASK	M3AA 112MB 2	1,220	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMM11044-S-AP	3GAA112320-ASK	M3AA 112MB 4	1,276	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	1000/1200	132	EMM13046-S-AP	3GAA133340-ASK	M3AA 132MD 6	1,686	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMM13552-S-AP	3GAA131120-ASK	M3AA 132SB 2	1,416	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMM13554-S-AP	3GAA132320-ASK	M3AA 132MB 4	1,459	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	1000/1200	132	EMM13556-S-AP	3GAA133350-ASK	M3AA 132ME 6	2,084	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMM13752-S-AP	3GAA131130-ASK	M3AA 132SC 2	1,764	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMM13754-S-AP	3GAA132330-ASK	M3AA 132MC 4	1,841	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
11 // 14.7	1000/1200	160	EMM16756-S-AP	3GAA163410-ASK	M3AA 160MLA 6	2,196	IPP	22.99	480	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	160	EMM16112-S-AP	3GAA161410-ASK	M3AA 160MLA 2	2,027	IPP	22.99	234	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	160	EMM16114-S-AP	3GAA162410-ASK	M3AA 160MLA 4	2,068	IPP	22.99	277	230D/400Y,50Hz; 460Y,60Hz	
15 // 20	1000/1200	160	EMM16116-S-AP	3GAA163420-ASK	M3AA 160MLB 6	2,997	IPP	26.81	306	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	160	EMM16152-S-AP	3GAA161420-ASK	M3AA 160MLB 2	2,631	IPP	22.99	271	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	160	EMM16154-S-AP	3GAA162420-ASK	M3AA 160MLB 4	2,676	IPP	26.81	308	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	180	EMM18156-S-AP	3GAA183410-ASK	M3AA 180MLA 6	3,728	IPP	28.58	385	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product

* Motors are stamped with kW only.

** Included variant codes are not shown in Product Code, please contact local sales office

Motors are suitable for use at 230VD, 60Hz

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!

Process Performance IEC aluminum, three phase, 50/60 Hz, 400/460V

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted (continued)											
18.5 // 24.6	3000/3600	160	EMM16182-S-AP	3GAA161430-ASK	M3AA 160MLC 2	3,157	IPP	26.81	403	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	180	EMM18184-S-AP	3GAA182410-ASK	M3AA 180MLA 4	3,340	IPP	28.58	389	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	200	EMM20186-S-AP	3GAA203410-ASK	M3AA 200MLA 6	4,872	IPP	32.32	480	230D/400Y,50Hz; 460Y,60Hz	
22 // 29.3	3000/3600	180	EMM18222-S-AP	3GAA181410-ASK	M3AA 180MLA 2	3,911	IPP	28.58	387	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	180	EMM18224-S-AP	3GAA182420-ASK	M3AA 180MLB 4	3,637	IPP	28.58	387	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	200	EMM20226-S-AP	3GAA203420-ASK	M3AA 200MLB 6	5,238	IPP	32.32	539	230D/400Y,50Hz; 460Y,60Hz	
30 // 40	3000/3600	200	EMM20302-S-AP	3GAA201410-ASK	M3AA 200MLA 2	4,895	IPP	32.32	496	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	200	EMM20304-S-AP	3GAA202410-ASK	M3AA 200MLA 4	5,078	IPP	32.32	542	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	225	EMM22306-S-AP	3GAA223210-ASK	M3AA 225SMA 6	7,137	IPP	34.65	683	230D/400Y,50Hz; 460Y,60Hz	
37 // 49.3	3000/3600	200	EMM20372-S-AP	3GAA201420-ASK	M3AA 200MLB 2	6,451	IPP	32.32	531	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	225	EMM22374-S-AP	3GAA222210-ASK	M3AA 225SMA 4	6,199	IPP	34.65	694	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	250	EMM25376-S-AP	3GAA253210-ASK	M3AA 250SMA 6	9,378	IPP	34.80	809	230D/400Y,50Hz; 460Y,60Hz	
45 // 60	3000/3600	225	EMM22452-S-AP	3GAA221210-ASK	M3AA 225SMA 2	7,731	IPP	33.46	719	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	225	EMM22454-S-AP	3GAA222220-ASK	M3AA 225SMB 4	6,794	IPP	34.65	696	230D/400Y,50Hz; 460Y,60Hz	
55 // 73.3	3000/3600	250	EMM25552-S-AP	3GAA251210-ASK	M3AA 250SMA 2	9,378	IPP	34.80	773	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	250	EMM25554-S-AP	3GAA252210-ASK	M3AA 250SMA 4	9,035	IPP	34.80	828	230D/400Y,50Hz; 460Y,60Hz	
IM B5 (3001), flange mounted, footles											
0.12 // 0.16	1500/1800	63	MVM06124D-S-AP	3GAA062311-BSF	M3AA 63A 4	336	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	63	MVM06182D-S-AP	3GAA061311-BSF	M3AA 63A 2	329	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
0.18 // 0.25	1500/1800	63	MVM06184D-S-AP	3GAA062312-BSF	M3AA 63B 4	339	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	63	MVM06252D-S-AP	3GAA061312-BSF	M3AA 63B 2	334	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	1500/1800	71	MVM07254D-S-AP	3GAA072311-BSE	M3AA 71A 4	354	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	71	MVM07372D-S-AP	3GAA071311-BSE	M3AA 71A 2	365	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	1500/1800	71	MVM07374D-S-AP	3GAA072312-BSE	M3AA 71B 4	396	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	71	MVM07552D-S-AP	3GAA071312-BSE	M3AA 71B 2	403	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1500/1800	80	MVM08554D-S-AP	3GAA082311-BSE	M3AA 80A 4	431	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMVM08752D-S-AP	3GAA081320-BSK	M3AA 80MB 2	606	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	1500/1800	80	EMVM08754D-S-AP	3GAA082350-BSK	M3AA 80ME 4	616	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09356D-S-AP	3GAA093540-BSK	M3AA 90LD 6	758	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMVM08112D-S-AP	3GAA081330-BSK	M3AA 80MC 2	650	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1000/1200	100	EMVM10116D-S-AP	3GAA103550-BSK	M3AA 100LE 6	907	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114D-S-AP	3GAA092530-BSK	M3AA 90LC 4	706	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMVM09152D-S-AP	3GAA091520-BSK	M3AA 90LB 2	765	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1500/1800	90	EMVM09154D-S-AP	3GAA092540-BSK	M3AA 90LD 4	845	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10156D-S-AP	3GAA103560-BSK	M3AA 100LF 6	1,053	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMVM09222D-S-AP	3GAA091530-BSK	M3AA 90LC 2	948	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1500/1800	100	EMVM10224D-S-AP	3GAA102550-BSK	M3AA 100LE 4	1,004	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11226D-S-AP	3GAA113330-BSK	M3AA 112MC 6	1,302	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	EMVM10032D-S-AP	3GAA101530-BSK	M3AA 100LC 2	1,125	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1500/1800	100	EMVM10034D-S-AP	3GAA102560-BSK	M3AA 100LF 4	1,197	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036D-S-AP	3GAA133330-BSK	M3AA 132MC 6	1,636	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	EMVM11042D-S-AP	3GAA113320-BSK	M3AA 112MB 2	1,346	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1500/1800	112	EMVM11044D-S-AP	3GAA112320-BSK	M3AA 112MB 4	1,397	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046D-S-AP	3GAA133340-BSK	M3AA 132MD 6	1,770	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMVM13552D-S-AP	3GAA131120-BSK	M3AA 132SB 2	1,562	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	1500/1800	132	EMVM13554D-S-AP	3GAA132320-BSK	M3AA 132MB 4	1,592	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13556D-S-AP	3GAA133350-BSK	M3AA 132ME 6	2,152	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	132	EMVM13752D-S-AP	3GAA131130-BSK	M3AA 132SC 2	1,896	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13754D-S-AP	3GAA132330-BSK	M3AA 132MC 4	2,008	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
IM B14 (3601), face mounted, footless											
0.18 // 0.25	3000/3600	63	MVM06182C-S-AP	3GAA061311-CSF	M3AA 63A 2	329	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	63	MVM06184C-S-AP	3GAA062312-CSF	M3AA 63B 4	339	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	3000/3600	63	MVM06252C-S-AP	3GAA061312-CSF	M3AA 63B 2	334	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MVM07254C-S-AP	3GAA072311-CSE	M3AA 71A 4	354	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	MVM07372C-S-AP	3GAA071311-CSE	M3AA 71A 2	365	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MVM07374C-S-AP	3GAA072312-CSE	M3AA 71B 4	396	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product
 * Motors are stamped with kW only.
 ** Included variant codes are not shown in Product Code, please contact local sales office
 Motors are suitable for use at 230VD, 60Hz
 3 year warranty

NEW!

NEW!**Process Performance IEC aluminum, three phase, 50/60 Hz, 400/460VY**

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B14 (3601), face mounted, footless (continued)											
0.55 // 0.75	3000/3600	71	MVM07552C-S-AP	3GAA071312-CSE	M3AA 71B 2	403	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	MVM08554C-S-AP	3GAA082311-CSE	M3AA 80A 4	431	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMVM08752C-S-AP	3GAA081320-CSK	M3AA 80MB 2	606	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08754C-S-AP	3GAA082350-CSK	M3AA 80ME 4	616	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09756C-S-AP	3GAA093540-CSK	M3AA 90LD 6	758	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	EMVM08112C-S-AP	3GAA081330-CSK	M3AA 80MC 2	650	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10116C-S-AP	3GAA103550-CSK	M3AA 100LE 6	907	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114C-S-AP	3GAA092530-CSK	M3AA 90LC 4	706	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	EMVM09152C-S-AP	3GAA091520-CSK	M3AA 90LB 2	765	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09154C-S-AP	3GAA092540-CSK	M3AA 90LD 4	845	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10156C-S-AP	3GAA103560-CSK	M3AA 100LF 6	1,053	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMVM09222C-S-AP	3GAA091530-CSK	M3AA 90LC 2	948	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10224C-S-AP	3GAA102550-CSK	M3AA 100LE 4	1,004	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11226C-S-AP	3GAA113330-CSK	M3AA 112MC 6	1,302	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	EMVM10032C-S-AP	3GAA101530-CSK	M3AA 100LC 2	1,125	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10034C-S-AP	3GAA102560-CSK	M3AA 100LF 4	1,197	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036C-S-AP	3GAA133330-CSK	M3AA 132MC 6	1,636	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	EMVM11042C-S-AP	3GAA111320-CSK	M3AA 112MB 2	1,346	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMVM11044C-S-AP	3GAA112320-CSK	M3AA 112MB 4	1,397	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046C-S-AP	3GAA133340-CSK	M3AA 132MD 6	1,770	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	3000/3600	132	EMVM13552C-S-AP	3GAA131120-CSK	M3AA 132SB 2	1,562	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13554C-S-AP	3GAA132320-CSK	M3AA 132MB 4	1,592	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13556C-S-AP	3GAA133350-CSK	M3AA 132ME 6	2,152	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	132	EMVM13752C-S-AP	3GAA131130-CSK	M3AA 132SC 2	1,896	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	EMVM13754C-S-AP	3GAA132330-CSK	M3AA 132MC 4	2,008	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap.

Red catalog number indicates **NEW** product

* Motors are stamped with kW only.

** Included variant codes are not shown in Product Code, please contact local sales office

Motors are suitable for use at 230VD, 60Hz

3 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

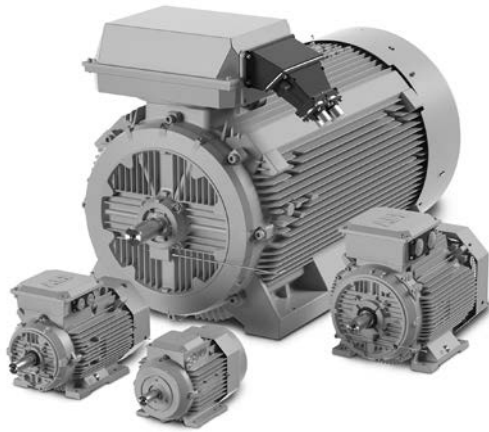
Service

Grinders

NEW!

Process Performance IEC cast iron, three phase, 50/60 Hz, 400/460V
0.25-90 kW (0.33-125 Hp)

IP55



Features:

- Rugged cast iron construction (including endplates)
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan
- 6 post terminal block in large, F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Inverter ready 2:1CT and 20:1VT
- Painting system C3M acc. to ISO 12944-5:2007
- (3) PTC thermistors, 150 °C standard on sizes 71-280
- IC411 enclosure (TEFC)

Applications:

- Pumps
- Compressors
- Fans
- Conveyors
- General machinery

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted											
0.25 // 0.33	1500/1800	71	MM07254-S-PP	3GBP072321-ASB	M3BP 71MA 4	333	IPP	10.39	22	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMM08256-S-PP	3GBP083310-ASK	M3BP 80MA 6	511	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	3000/3600	71	MM07372-S-PP	3GBP071321-ASB	M3BP 71MA 2	347	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	MM07374-S-PP	3GBP072322-ASB	M3BP 71MB 4	376	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMM08376-S-PP	3GBP083340-ASK	M3BP 80MD 6	565	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	3000/3600	71	MM07552-S-PP	3GBP071322-ASB	M3BP 71MB 2	384	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMM08554-S-PP	3GBP082440-ASK	M3BP 80MLD 4	522	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	EMM08556-S-PP	3GBP083470-ASK	M3BP 80MLG 6	643	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	EMM08752-S-PP	3GBP081340-ASK	M3BP 80MD 2	591	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMM08754-S-PP	3GBP082470-ASK	M3BP 80MLG 4	614	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMM09756-S-PP	3GBP093570-ASK	M3BP 90LG 6	775	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	EMM08112-S-PP	3GBP081370-ASK	M3BP 80MG 2	643	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMM10116-S-PP	3GBP103870-ASK	M3BP 100LKG 6	950	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMM09114-S-PP	3GBP092530-ASK	M3BP 90LC 4	700	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	EMM09152-S-PP	3GBP091520-ASK	M3BP 90LB 2	766	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMM09154-S-PP	3GBP092540-ASK	M3BP 90LD 4	823	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMM11156-S-PP	3GBP113380-ASK	M3BP 112MH 6	1,087	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMM09222-S-PP	3GBP091530-ASK	M3BP 90LC 2	964	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMM10224-S-PP	3GBP102810-ASK	M3BP 100LKA 4	1,010	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13226-S-PP	3GBP133230-ASK	M3BP 132SMC 6	1,366	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	EMM10032-S-PP	3GBP101810-ASK	M3BP 100LKA 2	1,142	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMM10034-S-PP	3GBP102820-ASK	M3BP 100LKB 4	1,199	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13036-S-PP	3GBP133240-ASK	M3BP 132SMD 6	1,699	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	EMM11042-S-PP	3GBP111370-ASK	M3BP 112MG 2	1,363	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMM11044-S-PP	3GBP112370-ASK	M3BP 112MG 4	1,426	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMM13046-S-PP	3GBP133270-ASK	M3BP 132SMG 6	2,115	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	3000/3600	132	EMM13552-D-PP	3GBP131260-ADK	M3BP 132SMF 2	1,776	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMM13554-D-PP	3GBP132260-ADK	M3BP 132SMF 4	1,831	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	EMM13556-D-PP	3GBP133280-ADK	M3BP 132SMH 6	2,614	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	EMM13752-D-PP	3GBP131270-ADK	M3BP 132SMG 2	2,212	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMM13754-D-PP	3GBP132270-ADK	M3BP 132SMG 4	2,310	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
11 // 15	3000/3600	160	EMM16112-D-PPN	3GBP161410-ADK	M3BP 160MLA 2	2,795	IPP	22.99	311	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	160	EMM16114-D-PPN	3GBP162410-ADK	M3BP 160MLA 4	2,593	IPP	22.99	382	400D/415D/690Y,50Hz; 460D,60Hz	25
15 // 20	3000/3600	160	EMM16152-D-PPN	3GBP161420-ADK	M3BP 160MLB 2	3,615	IPP	22.99	375	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	160	EMM16154-D-PPN	3GBP162420-ADK	M3BP 160MLB 4	3,339	IPP	26.81	413	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product

■ Cast iron frame

* Motors are stamped with kW only.

Catalog numbers with (-D-) are not suitable for VFD operation at 690VY.

Catalog numbers with (-S-) are suitable for use on 230VD, 60Hz

** Included variant codes are not shown in Product Code, please contact local sales office

3 year warranty

NEW!

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!

Process Performance IEC cast iron, three phase, 50/60 Hz, 400/460V

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B3 (1001), foot mounted (continued)											
18.5 // 25	3000/3600	160	EMM16182-D-PPN	3GBP161430-ADK	M3BP 160MLC 2	3,991	IPP	26.81	403	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	180	EMM18184-D-PPN	3GBP182410-ADK	M3BP 180MLA 4	3,808	IPP	28.58	519	400D/415D/690Y,50Hz; 460D,60Hz	25
22 // 30	3000/3600	180	EMM18222-D-PPN	3GBP181410-ADK	M3BP 180MLA 2	4,460	IPP	28.58	516	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	180	EMM18224-D-PPN	3GBP182420-ADK	M3BP 180MLB 4	4,565	IPP	28.58	519	400D/415D/690Y,50Hz; 460D,60Hz	25
30 // 40	3000/3600	200	EMM20302-D-PPN	3GBP201410-ADK	M3BP 200MLA 2	5,582	IPP	32.32	657	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	200	EMM20304-D-PPN	3GBP202410-ADK	M3BP 200MLA 4	5,791	IPP	32.32	703	400D/415D/690Y,50Hz; 460D,60Hz	25
37 // 50	3000/3600	200	EMM20372-D-PPN	3GBP201420-ADK	M3BP 200MLB 2	7,356	IPP	32.32	692	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	225	EMM22374-D-PPN	3GBP222210-ADK	M3BP 225SMA 4	7,069	IPP	34.65	877	400D/415D/690Y,50Hz; 460D,60Hz	25
45 // 60	3000/3600	225	EMM22452-D-PPN	3GBP221210-ADK	M3BP 225SMA 2	8,817	IPP	33.46	692	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	225	EMM22454-D-PPN	3GBP222220-ADK	M3BP 225SMB 4	8,530	IPP	34.65	877	400D/415D/690Y,50Hz; 460D,60Hz	25
55 // 75	3000/3600	250	EMM25552-D-PPN	3GBP251210-ADK	M3BP 250SMA 2	10,695	IPP	34.80	997	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	250	EMM25554-D-PPN	3GBP252210-ADK	M3BP 250SMA 4	10,303	IPP	34.80	1049	400D/415D/690Y,50Hz; 460D,60Hz	25
75 // 100	3000/3600	280	EMM28752-D-PP	3GBP281220-ADK	M3BP 280SMB 2	16,039	IPP	34.80	1466	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	280	EMM28754-D-PP	3GBP282220-ADK	M3BP 280SMB 4	15,494	IPP	34.80	1466	400D/415D/690Y,50Hz; 460D,60Hz	25
90 // 125	3000/3600	280	EMM28902-D-PP	3GBP281230-ADK	M3BP 280SMC 2	19,253	IPP	34.80	1598	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	280	EMM28904-D-PP	3GBP282230-ADK	M3BP 280SMC 4	18,105	IPP	34.80	1598	400D/415D/690Y,50Hz; 460D,60Hz	25
IM B5 (3001), flange mounted, footless											
0.25 // 0.33	1000/1200	80	EMVM08256D-S-PP	3GBP083310-BSK	M3BP 80MA 6	594	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1000/1200	80	EMVM08376D-S-PP	3GBP083340-BSK	M3BP 80MD 6	643	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08554D-S-PP	3GBP082440-BSK	M3BP 80MLD 4	611	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1000/1200	80	EMVM08556D-S-PP	3GBP083470-BSK	M3BP 80MLG 6	726	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMVM08752D-S-PP	3GBP081340-BSK	M3BP 80MD 2	677	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	1500/1800	80	EMVM08754D-S-PP	3GBP082470-BSK	M3BP 80MLG 4	689	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09756D-S-PP	3GBP093570-BSK	M3BP 90LG 6	846	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	EMVM08112D-S-PP	3GBP081370-BSK	M3BP 80MG 2	726	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10116D-S-PP	3GBP103870-BSK	M3BP 100LKG 6	1,013	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1500/1800	90	EMVM09114D-S-PP	3GBP092530-BSK	M3BP 90LC 4	789	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	EMVM09152D-S-PP	3GBP091520-BSK	M3BP 90LB 2	855	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1500/1800	90	EMVM09154D-S-PP	3GBP092540-BSK	M3BP 90LD 4	944	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11156D-S-PP	3GBP113380-BSK	M3BP 112MH 6	1,176	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMVM09222D-S-PP	3GBP091530-BSK	M3BP 90LC 2	1,059	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10224D-S-PP	3GBP102810-BSK	M3BP 100LKA 4	1,122	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1000/1200	132	EMVM13226D-S-PP	3GBP133230-BSK	M3BP 132SMC 6	1,455	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	EMVM10032D-S-PP	3GBP101810-BSK	M3BP 100LKA 2	1,257	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1500/1800	100	EMVM10034D-S-PP	3GBP102820-BSK	M3BP 100LKB 4	1,337	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036D-S-PP	3GBP133240-BSK	M3BP 132SMD 6	1,828	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	EMVM11042D-S-PP	3GBP111370-BSK	M3BP 112MG 2	1,504	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMVM11044D-S-PP	3GBP112370-BSK	M3BP 112MG 4	1,561	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1000/1200	132	EMVM13046D-S-PP	3GBP133270-BSK	M3BP 132SMG 6	2,221	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	EMVM13552D-D-PP	3GBP131260-BDK	M3BP 132SMF 2	1,960	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
5.5 // 7.5	1500/1800	132	EMVM13554D-D-PP	3GBP132260-BDK	M3BP 132SMF 4	1,997	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	EMVM13556D-D-PP	3GBP133280-BDK	M3BP 132SMH 6	2,700	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	EMVM13752D-D-PP	3GBP131270-BDK	M3BP 132SMG 2	2,379	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMVM13754D-D-PP	3GBP132270-BDK	M3BP 132SMG 4	2,519	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
IM B14 (3601), face mounted, footless											
0.25 // 0.33	1000/1200	80	EMVM08256C-S-PP	3GBP083310-BSK	M3BP 80MA 6	594	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1000/1200	80	EMVM08376C-S-PP	3GBP083340-BSK	M3BP 80MD 6	643	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	EMVM08554C-S-PP	3GBP082440-BSK	M3BP 80MLD 4	611	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1000/1200	80	EMVM08556C-S-PP	3GBP083470-BSK	M3BP 80MLG 6	726	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	EMVM08752C-S-PP	3GBP081340-BSK	M3BP 80MD 2	677	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	1500/1800	80	EMVM08754C-S-PP	3GBP082470-BSK	M3BP 80MLG 4	689	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	EMVM09756C-S-PP	3GBP093570-BSK	M3BP 90LG 6	846	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap. Cast iron frame

Red catalog number indicates **NEW** product

* Motors are stamped with kW only.

Catalog numbers with (-D-) are not suitable for VFD operation at 690VY.

Catalog numbers with (-S-) are suitable for use on 230VD, 60Hz

** Included variant codes are not shown in Product Code, please contact local sales office

3 year warranty

NEW!

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

NEW!**Process Performance IEC cast iron, three phase, 50/60 Hz, 400/460V**

kW // Hp*	RPM	IEC Frame	Catalog Number	ABB Product Code**	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
IM B14 (3601), face mounted, footless (continued)											
1.1 // 1.5	3000/3600	80	EMVM08112C-S-PP	3GBP081370-BSK	M3BP 80MG 2	726	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	EMVM10116C-S-PP	3GBP103870-BSK	M3BP 100LKG 6	1,013	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09114C-S-PP	3GBP092530-BSK	M3BP 90LC 4	789	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	EMVM09152C-S-PP	3GBP091520-BSK	M3BP 90LB 2	855	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	EMVM09154C-S-PP	3GBP092540-BSK	M3BP 90LD 4	944	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	EMVM11156C-S-PP	3GBP113380-BSK	M3BP 112MH 6	1,176	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	EMVM09222C-S-PP	3GBP091530-BSK	M3BP 90LC 2	1,059	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10224C-S-PP	3GBP102810-BSK	M3BP 100LKA 4	1,122	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13226C-S-PP	3GBP133230-BSK	M3BP 132SMC 6	1,455	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	EMVM10032C-S-PP	3GBP101810-BSK	M3BP 100LKA 2	1,257	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	EMVM10034C-S-PP	3GBP102820-BSK	M3BP 100LKB 4	1,337	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13036C-S-PP	3GBP133240-BSK	M3BP 132SMD 6	1,828	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	EMVM11042C-S-PP	3GBP111370-BSK	M3BP 112MG 2	1,504	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	EMVM11044C-S-PP	3GBP112370-BSK	M3BP 112MG 4	1,561	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	EMVM13046C-S-PP	3GBP133270-BSK	M3BP 132SMG 6	2,221	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	3000/3600	132	EMVM13552C-D-PP	3GBP131260-BDK	M3BP 132SMF 2	1,960	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMVM13554C-D-PP	3GBP132260-BDK	M3BP 132SMF 4	1,997	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	EMVM13556C-D-PP	3GBP133280-BDK	M3BP 132SMH 6	2,700	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	EMVM13752C-D-PP	3GBP131270-BDK	M3BP 132SMG 2	2,379	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	EMVM13754C-D-PP	3GBP132270-BDK	M3BP 132SMG 4	2,519	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product

* Motors are stamped with kW only.

Catalog numbers with (-D-) are not suitable for VFD operation at 690VY.

Catalog numbers with (-S-) are suitable for use on 230VD, 60Hz

** Included variant codes are not shown in Product Code, please contact local sales office

3 year warranty

NEW!

NEW!

Metric IEC flanges for Process Performance aluminum (M3AA) and cast iron (M3BP) motors (safe area)



Frame Size	Type (Material)	Poles	Motor Generation	Bolt Circle "M" Dimension (mm)	Catalog Number	List Price	Disc. Sym.	Weight (lb)
B5 machined flange only								
63	M3AA	2,4,6	F	115	M3AA063115-B5	70	SVC	1
71	M3AA	2,4,6	E	130	M3AA071130-B5	89	SVC	1
	M3BP	2,4,6	B	130	M3BP071130-B5	80	SVC	5
80	M3AA	2,4,6	K	165	M3AA080165-B5	120	SVC	1
	M3BP	2,4,6	K	165	M3BP080165-B5	95	SVC	7
90	M3AA	2,4,6	K	165	M3AA090165-B5	57	SVC	2
	M3BP	2,4,6	K	165	M3BP090165-B5	110	SVC	9
100	M3AA	2,4,6	K	215	M3AA100215-B5	243	SVC	3
	M3BP	2,4,6	K	215	M3BP100215-B5	158	SVC	11
112	M3AA	2,4,6	K	215	M3AA112215-B5	255	SVC	14
	M3BP	2,4,6	K	215	M3BP112215-B5	265	SVC	10
132	M3AA	2,4,6	K	265	M3AA132265-B5	277	SVC	14
	M3BP	2,4,6	K	265	M3BP132265-B5	289	SVC	21
160	M3AA	2,4,6	K	300	M3AA160300-B5	375	SVC	40
	M3BP	2,4,6	K	300	M3BP160300-B5	387	SVC	31
180	M3AA	2,4,6	K	300	M3AA180300-B5	657	SVC	54
	M3BP	2,4,6	K	300	M3BP180300-B5	571	SVC	37
200	M3AA	2,4,6	K	350	M3AA200350-B5	828	SVC	57
	M3BP	2,4,6	K	350	M3BP200350-B5	882	SVC	49
225	M3AA	2,4,6	K	400	M3AA225400-B5	1,296	SVC	63
	M3BP	2,4,6	K	400	M3BP225400-B5	1,069	SVC	63
250	M3AA	2,4,6	K	500	M3AA250500-B5	1,583	SVC	95
	M3BP	2,4,6	K	500	M3BP250500-B5	1,583	SVC	85
280	M3BP	2	K	500	M3BP280500-B5-2P	1,093	SVC	97
	M3BP	4,6	K	500	M3BP280500-B5	1,093	SVC	95
B14 machined flange only								
63	M3AA	2,4,6	F	75	M3AA063075-B14	72	SVC	1
71	M3AA	2,4,6	E	85	M3AA071085-B14 *	89	SVC	1
	M3BP	2,4,6	B	85	M3BP071085-B14	67	SVC	3
80	M3AA	2,4,6	K	100	M3AA080100-B14 **	120	SVC	1
	M3BP	2,4,6	K	100	M3BP080100-B14	83	SVC	4
90	M3AA	2,4,6	K	115	M3AA090115-B14	156	SVC	2
	M3BP	2,4,6	K	115	M3BP090115-B14	110	SVC	6
100	M3AA	2,4,6	K	130	M3AA100130-B14	245	SVC	2
	M3BP	2,4,6	K	130	M3BP100130-B14	159	SVC	8
112	M3AA	2,4,6	K	130	M3AA112130-B14	255	SVC	7
	M3BP	2,4,6	K	130	M3BP112130-B14	265	SVC	7
132	M3AA	2,4,6	K	165	M3AA132165-B14	307	SVC	11
	M3BP	2,4,6	K	165	M3BP132165-B14	289	SVC	13
160	M3AA	2,4,6	K	215	M3AA160215-B14	375	SVC	27

■ Cast iron frame

Red catalog number indicates **NEW** product.

* Bearing retainer, 3GVC071046-B is required when adding flange to B3 motor

** Bearing retainer, 3GVC081046-A is required when adding flange to B3 motor.

Please contact your sales office representative for delivery.

NEW!

For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated, 50/60 Hz, 400/460VY

0.18 kW-7.5 kW (0.25-10 Hp)

IP69
for Water



Features:

- Stainless steel AISI 304
- Epoxy encapsulated windings
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCan
- Heat stabilized bearings with H1 food grade grease
- Laser engraved nameplate
- Inverter ready
- Rotatable terminal box cover with F3 mounting

Applications:

- Food processing
- Pumps and Wastewater
- Outdoors
- High pressure washdown
- Caustic environment

kW // Hp*	RPM	IEC Frame	Enclosure	Catalog Number	ABB Product Code	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Notes (a)
IM B3 (1001), foot mounted											
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186-B	3GMA073310-ASB	M3MA 71MA 6	2,261	IFS	12.20	33	
	1500/1800	71	IC410/TENV	SSEWDM07254-B	3GMA072320-ASB	M3MA 71MB 4	2,232	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	SSEWDM07256-B	3GMA073320-ASB	M3MA 71MB 6	2,364	IFS	12.20	35	
	1500/1800	80	IC410/TENV	SSEWDM08374-B	3GMA082310-ASB	M3MA 80MA 4	2,261	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	SSEWDM08376-B	3GMA083310-ASB	M3MA 80MA 6	2,445	IFS	13.94	51	
	3000/3600	80	IC410/TENV	SSEWDM08552-B	3GMA081310-ASB	M3MA 80MA 2	2,261	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	SSEWDM08554-B	3GMA082320-ASB	M3MA 80MB 4	2,364	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556-B	3GMA093310-ASB	M3MA 90MA 6	2,689	IFS	17.15	106	
0.75 // 1	3000/3600	80	IC410/TENV	SSEWDM08752-B	3GMA081320-ASB	M3MA 80MB 2	2,364	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08754-B	3GMA082330-ASB	M3MA 80MC 4	2,445	IFS	13.94	51	
1.1 // 1.5	1000/1200	90	IC410/TENV	SSEWDM09756-B	3GMA093320-ASB	M3MA 90MB 6	2,955	IFS	17.15	115	
	3000/3600	80	IC410/TENV	SSEWDM08112-B	3GMA081330-ASB	M3MA 80MC 2	2,445	IFS	13.94	51	
1.5 // 2	1500/1800	90	IC410/TENV	SSEWDM09114-B	3GMA092310-ASB	M3MA 90MA 4	2,689	IFS	17.15	106	
	3000/3600	90	IC410/TENV	SSEWDM09152-B	3GMA091310-ASB	M3MA 90MA 2	2,984	IFS	17.15	115	
2.2 // 3	1500/1800	90	IC410/TENV	SSEWDM09154-B	3GMA092320-ASB	M3MA 90MB 4	2,955	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156-B	3GMA103510-ASB	M3MA 100LA 6	4,132	IFS	18.92	128	
3 // 4	3000/3600	90	IC410/TENV	SSEWDM09222-B	3GMA091320-ASB	M3MA 90MA 2	3,128	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224-B	3GMA102510-ASB	M3MA 100LA 4	3,787	IFS	18.92	126	
4 // 5	1000/1200	112	IC411/TEFC	SSEWDM11226-B	3GMA113510-ASB	M3MA 112LA 6	4,706	IFS	18.92	130	
	3000/3600	100	IC411/TEFC	SSEWDM10032-B	3GMA101510-ASB	M3MA 100LA 2	4,132	IFS	18.92	133	
5.5 // 7.3	1500/1800	100	IC411/TEFC	SSEWDM10034-B	3GMA102520-ASB	M3MA 100LB 4	4,132	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036-B	3GMA133510-ASB	M3MA 132LA 6	5,509	IFS	22.81	148	
7.5 // 10	3000/3600	112	IC411/TEFC	SSEWDM11042-B	3GMA111510-ASB	M3MA 112MA 2	4,706	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044-B	3GMA112510-ASB	M3MA 112LA 4	4,706	IFS	18.92	134	
7.5 // 10	1000/1200	132	IC411/TEFC	SSEWDM13046-B	3GMA133520-ASB	M3MA 132LB 6	5,796	IFS	22.81	148	
	3000/3600	132	IC411/TEFC	SSEWDM13552-B	3GMA131510-ASB	M3MA 132LA 2	5,509	IFS	22.81	152	
7.5 // 10	1500/1800	132	IC411/TEFC	SSEWDM13554-B	3GMA132510-ASB	M3MA 132LA 4	5,509	IFS	22.81	161	
	3000/3600	132	IC411/TEFC	SSEWDM13752-B	3GMA131520-ASB	M3MA 132LB 2	5,796	IFS	22.81	165	
7.5 // 10	1500/1800	132	IC411/TEFC	SSEWDM13754-B	3GMA132520-ASB	M3MA 132LB 4	5,796	IFS	22.81	181	
	IM B5 (3001), flange mounted, footless										
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186D-B	3GMA073310-BSB	M3MA 71MA 6	2,129	IFS	12.20	33	
	1500/1800	71	IC410/TENV	SSEWDM07254D-B	3GMA072320-BSB	M3MA 71MB 4	2,097	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	SSEWDM07256D-B	3GMA073320-BSB	M3MA 71MB 6	2,235	IFS	12.20	35	
	1500/1800	80	IC410/TENV	SSEWDM08374D-B	3GMA082310-BSB	M3MA 80MA 4	2,129	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	SSEWDM08376D-B	3GMA083310-BSB	M3MA 80MA 6	2,304	IFS	13.94	51	
	3000/3600	80	IC410/TENV	SSEWDM08552D-B	3GMA081310-BSB	M3MA 80MA 2	2,129	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	SSEWDM08554D-B	3GMA082320-BSB	M3MA 80MB 4	2,235	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09556D-B	3GMA093310-BSB	M3MA 90MA 6	2,531	IFS	17.15	106	

(a) See notes on inside back flap. **Red** catalog number indicates **NEW** product.

* Motors are stamped with kW only. Motors are usable at 230VD, 60Hz

3 year warranty

Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated, 50/60 Hz, 400/460VY

kW // Hp*	RPM	IEC Frame	Enclosure	Catalog Number	ABB Product Code	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Notes (a)
IM B5 (3001), flange mounted, footless (continued)											
0.75 // 1	3000/3600	80	IC410/TENV	SSEWDM08752D-B	3GMA081320-BSB	M3MA 80MB 2	2,235	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08754D-B	3GMA082330-BSB	M3MA 80MC 4	2,304	IFS	13.94	51	
1.1 // 1.5	1000/1200	90	IC410/TENV	SSEWDM09756D-B	3GMA093320-BSB	M3MA 90MB 6	2,766	IFS	17.15	115	
	3000/3600	80	IC410/TENV	SSEWDM08112D-B	3GMA081330-BSB	M3MA 80MC 2	2,304	IFS	13.94	51	
1.5 // 2	1500/1800	90	IC410/TENV	SSEWDM09152D-B	3GMA091310-BSB	M3MA 90MA 2	2,800	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	SSEWDM10156D-B	3GMA103510-BSB	M3MA 100LA 6	3,902	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09222D-B	3GMA091320-BSB	M3MA 90MA 2	2,955	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	SSEWDM10224D-B	3GMA102510-BSB	M3MA 100LA 4	3,558	IFS	18.92	126	
3 // 4	1000/1200	112	IC411/TEFC	SSEWDM11226D-B	3GMA113510-BSB	M3MA 112LA 6	4,447	IFS	18.92	130	
	3000/3600	100	IC411/TEFC	SSEWDM10032D-B	3GMA101510-BSB	M3MA 100LA 2	3,902	IFS	18.92	133	
4 // 5	1500/1800	100	IC411/TEFC	SSEWDM10034D-B	3GMA102520-BSB	M3MA 100LB 4	3,902	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	SSEWDM13036D-B	3GMA133510-BSB	M3MA 132LA 6	5,165	IFS	22.81	148	
5.5 // 7.3	3000/3600	112	IC411/TEFC	SSEWDM11042D-B	3GMA111510-BSB	M3MA 112MA 2	4,447	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	SSEWDM11044D-B	3GMA112510-BSB	M3MA 112LA 4	4,447	IFS	18.92	134	
7.5 // 10	1000/1200	132	IC411/TEFC	SSEWDM13046D-B	3GMA133520-BSB	M3MA 132LB 6	5,480	IFS	22.81	148	
	3000/3600	132	IC411/TEFC	SSEWDM13552D-B	3GMA131510-BSB	M3MA 132LA 2	5,165	IFS	22.81	152	
7.5 // 10	1500/1800	132	IC411/TEFC	SSEWDM13554D-B	3GMA132510-BSB	M3MA 132LA 4	5,165	IFS	22.81	161	
	3000/3600	132	IC411/TEFC	SSEWDM13752D-B	3GMA131520-BSB	M3MA 132LB 2	5,480	IFS	22.81	165	
7.5 // 10	1500/1800	132	IC411/TEFC	SSEWDM13754D-B	3GMA132520-BSB	M3MA 132LB 4	5,480	IFS	22.81	181	
	IM B14 (3601), face mounted, footless										
0.18 // 0.24	1000/1200	71	IC410/TENV	SSEWDM07186C-B	3GMA073310-CSB	M3MA 71MA 6	2,129	IFS	12.20	33	
0.25 // 0.33	1500/1800	71	IC410/TENV	SSEWDM07254C-B	3GMA072320-CSB	M3MA 71MB 4	2,097	IFS	12.20	44	
	1000/1200	71	IC410/TENV	SSEWDM07256C-B	3GMA073320-CSB	M3MA 71MB 6	2,235	IFS	12.20	35	
0.37 // 0.5	1500/1800	80	IC410/TENV	SSEWDM08374C-B	3GMA082310-CSB	M3MA 80MA 4	2,129	IFS	13.94	51	
	1000/1200	80	IC410/TENV	SSEWDM08376C-B	3GMA083310-CSB	M3MA 80MA 6	2,304	IFS	13.94	51	
0.55 // 0.73	3000/3600	80	IC410/TENV	SSEWDM08552C-B	3GMA081310-CSB	M3MA 80MA 2	2,129	IFS	13.94	51	
	1500/1800	80	IC410/TENV	SSEWDM08554C-B	3GMA082320-CSB	M3MA 80MB 4	2,235	IFS	13.94	51	
0.75 // 1	1000/1200	90	IC410/TENV	SSEWDM09556C-B	3GMA093310-CSB	M3MA 90MA 6	2,531	IFS	17.15	106	
	3000/3600	80	IC410/TENV	SSEWDM08752C-B	3GMA081320-CSB	M3MA 80MB 2	2,235	IFS	13.94	51	
1.1 // 1.5	1500/1800	80	IC410/TENV	SSEWDM08754C-B	3GMA082330-CSB	M3MA 80MC 4	2,304	IFS	13.94	51	
	1000/1200	90	IC410/TENV	SSEWDM09756C-B	3GMA093320-CSB	M3MA 90MB 6	2,766	IFS	17.15	115	
1.5 // 2	3000/3600	80	IC410/TENV	SSEWDM08112C-B	3GMA081330-CSB	M3MA 80MC 2	2,304	IFS	13.94	51	
	1500/1800	90	IC410/TENV	SSEWDM09114C-B	3GMA092310-CSB	M3MA 90MA 4	2,531	IFS	17.15	106	
2.2 // 3	3000/3600	90	IC410/TENV	SSEWDM09152C-B	3GMA091310-CSB	M3MA 90MA 2	2,800	IFS	17.15	115	
	1500/1800	90	IC410/TENV	SSEWDM09154C-B	3GMA092320-CSB	M3MA 90MB 4	2,766	IFS	17.15	115	
3 // 4	1000/1200	100	IC411/TEFC	SSEWDM10156C-B	3GMA103510-CSB	M3MA 100LA 6	3,902	IFS	18.92	128	
	3000/3600	90	IC410/TENV	SSEWDM09222C-B	3GMA091320-CSB	M3MA 90MA 2	2,955	IFS	17.15	115	
4 // 5	1500/1800	100	IC411/TEFC	SSEWDM10224C-B	3GMA102510-CSB	M3MA 100LA 4	3,558	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	SSEWDM11226C-B	3GMA113510-CSB	M3MA 112LA 6	4,447	IFS	18.92	130	
5.5 // 7.3	3000/3600	100	IC411/TEFC	SSEWDM10032C-B	3GMA101510-CSB	M3MA 100LA 2	3,902	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	SSEWDM10034C-B	3GMA102520-CSB	M3MA 100LB 4	3,902	IFS	18.92	126	
7.5 // 10	1000/1200	132	IC411/TEFC	SSEWDM13036C-B	3GMA133510-CSB	M3MA 132LA 6	5,165	IFS	22.81	148	
	3000/3600	112	IC411/TEFC	SSEWDM11042C-B	3GMA111510-CSB	M3MA 112MA 2	4,447	IFS	18.92	134	
7.5 // 10	1500/1800	112	IC411/TEFC	SSEWDM11044C-B	3GMA112510-CSB	M3MA 112LA 4	4,447	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	SSEWDM13046C-B	3GMA133520-CSB	M3MA 132LB 6	5,480	IFS	22.81	148	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13552C-B	3GMA131510-CSB	M3MA 132LA 2	5,165	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	SSEWDM13554C-B	3GMA132510-CSB	M3MA 132LA 4	5,165	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	SSEWDM13752C-B	3GMA131520-CSB	M3MA 132LB 2	5,480	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	SSEWDM13754C-B	3GMA132520-CSB	M3MA 132LB 4	5,480	IFS	22.81	181	

(a) See notes on inside back flap.

Red catalog number indicates NEW product.

* Motors are stamped with kW only.

Motors are usable at 230VD, 60Hz

3 year warranty

NEW!**IEC Zone 2 & 22 and Div 2 Increased Safety, three phase, 50/60 Hz**

ATEX/IECEX: Ex ec IIC T3 Gc, Ex tc IIIC T125C Dc

UL: Class I, Div 2 Group A, B, C & D, T3, Class II, Div 2 Group F & G, T4

0.37 - 90 kW

IP66**Features:**

- IM B3 (1001), foot mounted
- IE3 efficiency per IEC 60034-30-1 (2014). All motors are compliant with DOE and NRCan
- Complies with EU MEPS/Ecodesign Regulation (EU) 2019/1781 effective July 2021
- Cast iron frame and endplates are standard
- Inverter ready*
- 6 post terminal block in large F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Painting system C3M acc. to ISO 12944-5:2007
- IC411/TEFC
- (3) PTC thermistors, 150 °C standard

Applications:

- Pumps
- Compressors
- Fans
- Conveyors

kW	RPM	IEC Frame	Catalog Number	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
0.37	1500/1800	71	3GGP072450-ASK-IE3	M3GP 71MLE 4	831	IHA	10.40	33	230D/400Y/415Y,50Hz; 440Y/460Y,60Hz	2, 9
0.55	1500/1800	80	3GGP082440-ASK-IE3	M3GP 80MLD 4	922	IHA	14.30	44	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
0.75	1500/1800	80	3GGP082470-ASK-IE3	M3GP 80MLG 4	989	IHA	14.30	49	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
1.1	1500/1800	90	3GGP092530-ASK-IE3	M3GP 90LC 4	1,120	IHA	15.35	73	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP092530-ADK-IE3	M3GP 90LC 4	1,120	IHA	15.35	73	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.5	1500/1800	90	3GGP092540-ASK-IE3	M3GP 90LD 4	1,256	IHA	15.35	75	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP092540-ADK-IE3	M3GP 90LD 4	1,256	IHA	15.35	75	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
2.2	1500/1800	100	3GGP102810-ASK-IE3	M3GP 100LKA 4	1,454	IHA	17.13	108	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP102810-ADK-IE3	M3GP 100LKA 4	1,454	IHA	17.13	108	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
3	1500/1800	100	3GGP102820-ASK-IE3	M3GP 100LKB 4	1,722	IHA	17.13	108	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP102820-ADK-IE3	M3GP 100LKB 4	1,722	IHA	17.13	108	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
4	1500/1800	112	3GGP112370-ASK-IE3	M3GP 112MG 4	1,971	IHA	17.40	115	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP112370-ADK-IE3	M3GP 112MG 4	1,971	IHA	17.40	115	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
5.5	1500/1800	132	3GGP132260-ASK-IE3	M3GP 132SMF 4	2,376	IHA	20.95	179	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP132260-ADK-IE3	M3GP 132SMF 4	2,376	IHA	20.95	179	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
7.5	1500/1800	132	3GGP132270-ASK-IE3	M3GP 132SMG 4	2,775	IHA	20.95	179	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GGP132270-ADK-IE3	M3GP 132SMG 4	2,775	IHA	20.95	179	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
11	1500/1800	160	3GGP162410-ADK-IE3	M3GP 160MLA 4	3,440	IHA	26.81	414	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
15	1500/1800	160	3GGP162420-ADK-IE3	M3GP 160MLB 4	4,300	IHA	26.81	414	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
18.5	1500/1800	180	3GGP182410-ADK-IE3	M3GP 180MLA 4	4,937	IHA	28.58	518	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
22	1500/1800	180	3GGP182420-ADK-IE3	M3GP 180MLB 4	5,989	IHA	28.58	518	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
30	1500/1800	200	3GGP202410-ADK-IE3	M3GP 200MLA 4	7,518	IHA	32.32	703	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
37	1500/1800	225	3GGP222210-ADK-IE3	M3GP 225SMA 4	9,047	IHA	33.43	877	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
45	1500/1800	225	3GGP222220-ADK-IE3	M3GP 225SMB 4	10,862	IHA	33.43	877	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
55	1500/1800	250	3GGP252210-ADK-IE3	M3GP 250SMA 4	12,997	IHA	34.80	1049	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
75	1500/1800	280	3GGP282220-ADK-IE3	M3GP 280SMB 4	17,711	IHA	42.83	1466	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
90	1500/1800	280	3GGP282230-ADK-IE3	M3GP 280SMC 4	20,610	IHA	42.83	1598	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.

Motors are stamped with kW only.

* The above motors are suitable for VFD operation according to standard ABB loadability curves when nominal supply voltage of converter is $U_n \leq 500$ V with the addition of appropriate modification(s). Motors are not suitable for VFD operation at 660/690V.

For sizing or further details, please contact your sales representative.

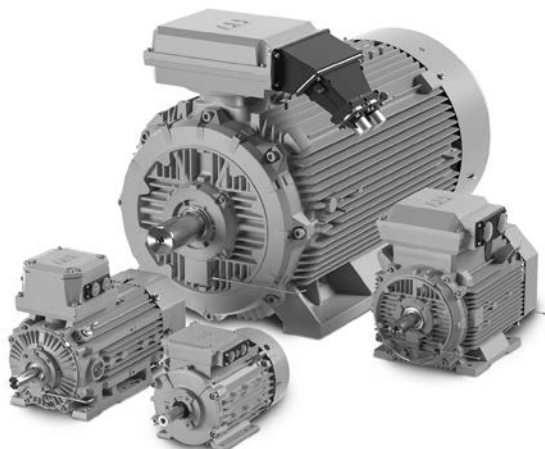
2 year warranty

NEW!

NEW!**IEC Zone 1 Flameproof, three phase, 50/60 Hz, for export only**

ATEX/IECEX: Ex db eb IIC T4 Gb

0.55-90 kW

IP56**Features:**

- IM B3 (1001), foot mounted
- IE3 efficiency per IEC 60034-30-1 (2014)
- Complies with EU MEPS/Ecodesign Regulation (EU) 2019/1781 effective July 2021
- Cast iron frame and endplates are standard
- Inverter ready*
- 6 post terminal block in large F3 terminal box provides easier, lower cost installation
- Class F insulation with Class B temperature limits
- Painting system C3M acc. to ISO 12944-5:2007
- IC411/TEFC
- (3) PTC thermistors, 150 °C standard

Applications:

- Pumps
- Compressors
- Fans
- Conveyors

kW	RPM	IEC Frame	Catalog Number	ABB Type Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Voltage	Notes (a)
0.55	1500/1800	80	3GKP082440-ASK-IE3	M3KP 80MLD 4	1,740	IHA	16.10	88	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP082440-ADK-IE3	M3KP 80MLD 4	1,740	IHA	16.10	88	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
0.75	1500/1800	80	3GKP082470-ASK-IE3	M3KP 80MLG 4	1,819	IHA	16.10	90	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP082470-ADK-IE3	M3KP 80MLG 4	1,819	IHA	16.10	90	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.1	1500/1800	90	3GKP092030-ASK-IE3	M3KP 90SLC 4	2,029	IHA	17.32	115	220D/230D/380Y/400Y/415Y, 50Hz; 460Y,60Hz	2, 9
			3GKP092030-ADK-IE3	M3KP 90SLC 4	2,029	IHA	17.32	115	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.5	1500/1800	90	3GKP092540-ASK-IE3	M3KP 90LD 4	2,230	IHA	17.32	117	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP092540-ADK-IE3	M3KP 90LD 4	2,230	IHA	17.32	117	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
2.2	1500/1800	100	3GKP102810-ASK-IE3	M3KP 100LKA 4	2,592	IHA	19.65	154	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP102810-ADK-IE3	M3KP 100LKA 4	2,592	IHA	19.65	154	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
3	1500/1800	100	3GKP102820-ASK-IE3	M3KP 100LKB 4	2,948	IHA	19.65	154	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP102820-ADK-IE3	M3KP 100LKB 4	2,948	IHA	19.65	154	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
4	1500/1800	112	3GKP112370-ASK-IE3	M3KP 112MG 4	3,407	IHA	19.10	157	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP112370-ADK-IE3	M3KP 112MG 4	3,407	IHA	19.10	157	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
5.5	1500/1800	132	3GKP132260-ASK-IE3	M3KP 132SMF 4	4,077	IHA	22.68	243	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP132260-ADK-IE3	M3KP 132SMF 4	4,077	IHA	22.68	243	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
7.5	1500/1800	132	3GKP132270-ASK-IE3	M3KP 132SMG 4	4,837	IHA	22.68	243	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			3GKP132270-ADK-IE3	M3KP 132SMG 4	4,837	IHA	22.68	243	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
11	1500/1800	160	3GKP162410-ADK-IE3	M3KP 160MLA 4	5,957	IHA	31.81	516	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
15	1500/1800	160	3GKP162420-ADK-IE3	M3KP 160MLB 4	7,422	IHA	31.81	558	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
18.5	1500/1800	180	3GKP182410-ADK-IE3	M3KP 180MLA 4	9,238	IHA	32.52	628	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
22	1500/1800	180	3GKP182420-ADK-IE3	M3KP 180MLB 4	10,257	IHA	27.80	639	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
30	1500/1800	200	3GKP202410-ADK-IE3	M3KP 200MLA 4	12,806	IHA	32.44	750	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
37	1500/1800	225	3GKP222210-ADK-IE3	M3KP 225SMA 4	15,609	IHA	35.47	869	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
45	1500/1800	225	3GKP222220-ADK-IE3	M3KP 225SMB 4	17,743	IHA	35.47	950	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
55	1500/1800	250	3GKP252210-ADK-IE3	M3KP 250SMA 4	21,757	IHA	35.24	974	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
75	1500/1800	280	3GKP282220-ADK-IE3	M3KP 280SMB 4	29,943	IHA	42.91	1475	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
90	1500/1800	280	3GKP282230-ADK-IE3	M3KP 280SMC 4	33,766	IHA	42.91	1607	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25

(a) See notes on inside back flap.  Cast iron frame**Red** catalog number indicates **NEW** product.

Motors are stamped with kW only.

* The above motors are suitable for VFD operation according to standard ABB loadability curves when nominal supply voltage of converter is $U_n \leq 500$ V with the addition of appropriate modification(s). Motors are not suitable for VFD operation at 660/690V.

For sizing or further details, please contact your sales representative.

2 year warranty

NEW!For more information visit baldor.com or new.abb.com/motors-generators

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Metric IEC, three phase, 60 Hz, TEFC, foot mounted

1.1 thru 15 kW (1.5 thru 20 Hp)

IP54



Features:

- IEC-B3 mount
- Conforms to IEC 60072-1 & IEC 60034-1
- Ball bearings with locked DE bearing
- Heavy gauge steel frames
- Gasketed conduit box

Applications:

- Pumps
- Fans
- Conveyors
- Machine tools
- Gear reducers

kW/HP	RPM	IEC Frame	Catalog Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Full Load Efficiency	60 Hz Voltage	Full Load Amps	60 Hz Use in US	Notes (a)
1.1/1.5	1800	D90S	EMM3554	825	BIM	13.00	44	86.5	230/460	2.2	Yes	30
1.5/2	1800	D90L	EMM3558	842	BIM	13.00	45	86.5	230/460	2.9	Yes	30
2.2/3	3600	D90L	EMM3559	948	BIM	13.87	51	86.5	230/460	3.6	Yes	30
	1800	D100L	EMM3611	945	BIM	15.76	71	89.5	230/460	4.2	Yes	
3.7/5	3600	D100L	EMM3613	960	BIM	15.76	78	88.5	230/460	5.6	Yes	30
	1800	D112M	EMM3615	1,026	BIM	17.66	90	89.5	230/460	6.7	Yes	30
5.5/7.5	3600	D132S	EMM3709	1,449	BIM	17.66	118	89.5	230/460	9	Yes	30
	1800	D132S	EMM3710	1,468	BIM	18.79	151	91.7	230/460	9.5	Yes	30
7.5/10	3600	D132S	EMM3711	1,518	BIM	17.66	119	90.2	230/460	11.8	Yes	30
	1800	D132M	EMM3714	1,660	BIM	20.29	165	91.7	230/460	12	Yes	30
11/15	1800	D160M	EMM2333	2,388	BIM	23.64	250	92.4	230/460	18.1	Yes	30
15/20	1800	D160L	EMM2334	2,899	BIM	23.63	313	93	230/460	25	Yes	30

(a) See notes on inside back flap.

■ Cast iron frame

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Metric IEC, three phase, 60 Hz, TEFC, B5 flange

0.25 thru 7.5 kW (.33 thru 10 Hp)

IP54



Features:

- IEC – B5 flange mount
- Conforms to IEC 60072-1 & IEC 60034-1
- Ball bearings with locked DE bearing
- Heavy gauge steel frames
- Gasketed conduit box

Applications:

- Pumps
- Fans
- Conveyors
- Machine tools
- Gear reducers

kW/Hp	RPM	IEC Frame	Catalog Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Full Load Efficiency	60 Hz Voltage	Full Load Amps	60 Hz Use in US	Notes (a)
.25/.33	1800	D71D	MVM3458D	579	BIM	10.74	20	74	230/460	0.7	Yes	30
.37/.50	1800	D71D	MVM3461D	582	BIM	10.74	20	71	230/460	1.2	Yes	1, 30
.55/.75	1800	D80D	MVM3542D	614	BIM	10.73	27	75.5	208-230/460	1.5	Yes	12, 30
.75/1	3600	D80D	EMVM3545D	825	BIM	10.73	27	77	230/460	1.6	Yes	1
	1800	D80D	EMVM3546D	851	BIM	11.61	38	85.5	230/460	1.5	Yes	1, 30
1.1/1.5	3600	D80D	EMVM3550D	863	BIM	11.61	38	84	230/460	1.9	Yes	1, 30
	1800	D90SD	EMVM3554D	863	BIM	12.99	41	86.5	230/460	2.2	Yes	1, 30
1.5/2	3600	D90LD	EMVM3555D	935	BIM	12.99	41	85.5	208-230/460	2.5	Yes	1, 30
	1800	D90LD	EMVM3558D	910	BIM	12.99	45	86.5	230/460	2.9	Yes	1, 30
2.2/3	3600	D90LD	EMVM3559D	1,013	BIM	13.87	50	86.5	230/460	3.6	Yes	1, 30
	1800	D100D	EMVM3611D	1,087	BIM	15.55	89	89.5	230/460	4.2	Yes	1, 30
3.7/5	3600	D100LD	EMVM3613D	1,326	BIM	13.41	81	88.5	230/460	5.6	Yes	1, 30
	1800	D112MD	EMVM3615D	1,240	BIM	14.91	93	89.5	230/460	6.7	Yes	1, 30
5.5/7.5	3600	D132SD	EMVM3709D	1,814	BIM	20.47	96	89.5	230/460	8.3	Yes	1, 30
	1800	D132SD	EMVM3710D	1,679	BIM	17.33	151	91.7	230/460	9.5	Yes	1, 30
7.5/10	3600	D132SD	EMVM3711D	2,200	BIM	16.20	118	90.2	230/460	11.8	Yes	1, 30
	1800	D132MD	EMVM3714D	2,062	BIM	18.82	165	91.7	230/460	12	Yes	1, 30

(a) See notes on inside back flap.

Metric IEC, three phase, 60 Hz, TEFC, B14 face

0.25 thru 3.7 kW (.33 thru 5 Hp)

IP54



Features:

- IEC-B14 face mounting
- Ball bearings with locked DE bearing
- Heavy gauge steel frames
- Gasketed conduit box

Applications:

- Pumps
- Fans
- Conveyors
- Machine tools
- Gear reducers

kW/Hp	RPM	IEC Frame	Catalog Number	List Price	Disc. Sym.	"L" Dim. (in)	Aprx. Wt. (lb)	Full Load Efficiency	60 Hz Voltage	Full Load Amps	60 Hz Use in US	Notes (a)
.25/.33	1800	D71C	MVM3458C	508	BIM	10.74	22	74	230/460	0.7	Yes	30
	3600	D71C	MVM3460C	541	BIM	10.74	22	72	230/460	0.6	Yes	30
.37/.50	1800	D71C	MVM3461C	571	BIM	10.74	22	71	208-230/460	1.2	Yes	2, 30
	3600	D71C	MVM3463C	563	BIM	11.24	26	75.5	230/460	1.4	Yes	30
.55/.75	1800	D80C	MVM3542C	599	BIM	11.11	26	75.5	208-230/460	1.5	Yes	30
	3600	D80C	EMVM3546C	835	BIM	11.38	38	85.5	230/460	1.5	Yes	1,30
1.5/2	1800	D90LC	EMVM3558C	890	BIM	13.75	45	86.5	230/460	2.9	Yes	1,30
	3600	D90LC	EMVM3559C	994	BIM	14.63	50	86.5	230/460	3.6	Yes	1,30
2.2/3	1800	D100C	EMVM3611C	1,070	BIM	15.88	70	89.5	230/460	4.2	Yes	1,30
	3600	D100LC	EMVM3613C	1,310	BIM	15.88	81	88.5	230/460	5.6	Yes	1,30
3.7/5	1800	D112MC	EMVM3615C	1,221	BIM	17.39	93	89.5	230/460	6.7	Yes	1,30

(a) See notes on inside back flap.

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders