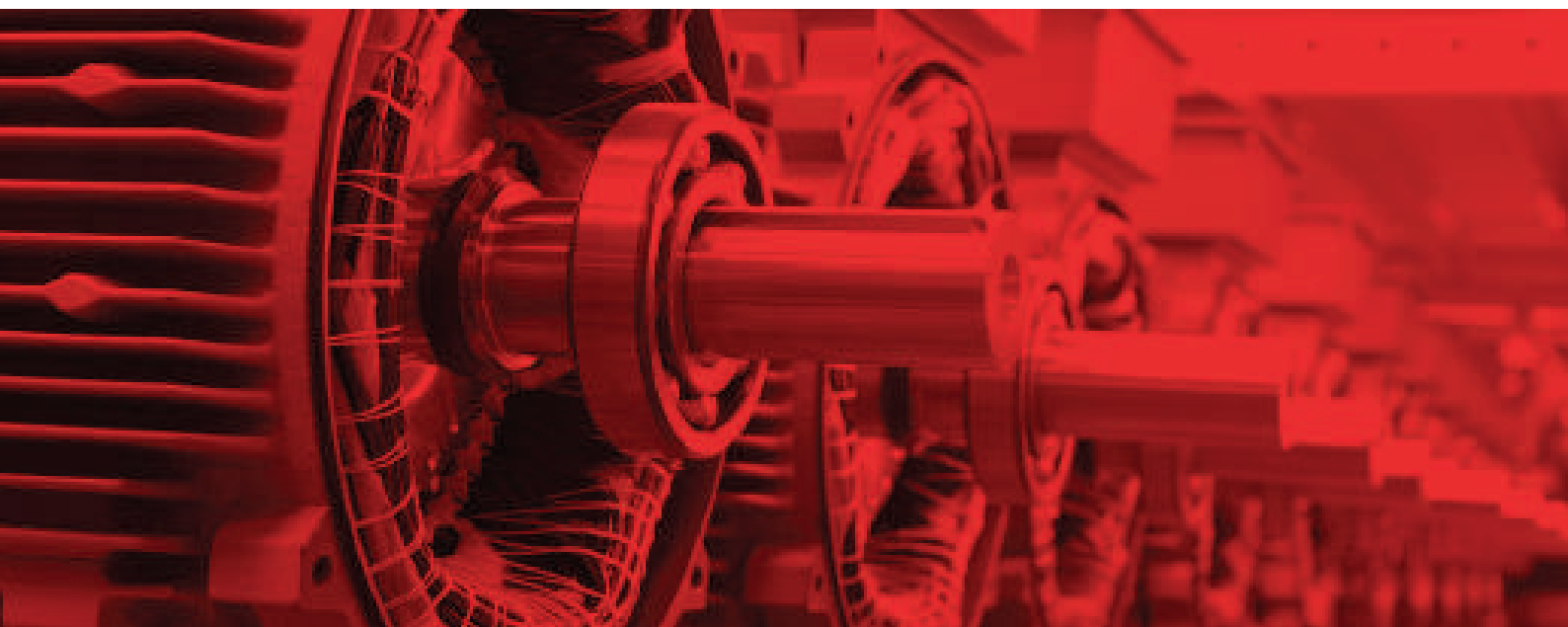


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CATALOG

# **IEC Low Voltage motors**

For the US / 60Hz market



## 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, water cooled, or TEFC, frame 80 - 400  
– Power range – 2 to 2,000 kW (3 to **2,600 Hp**)
- SynRM technology – M3AL/M3BL, frame 132 - 315 – cast aluminum or cast iron – IE5 efficiency on VFD  
– Power range – 5.5 to 350 kW (7 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 449, 5000, and 586/7/8 – cast iron  
– 250 to **900 Hp**

### Safe area motors

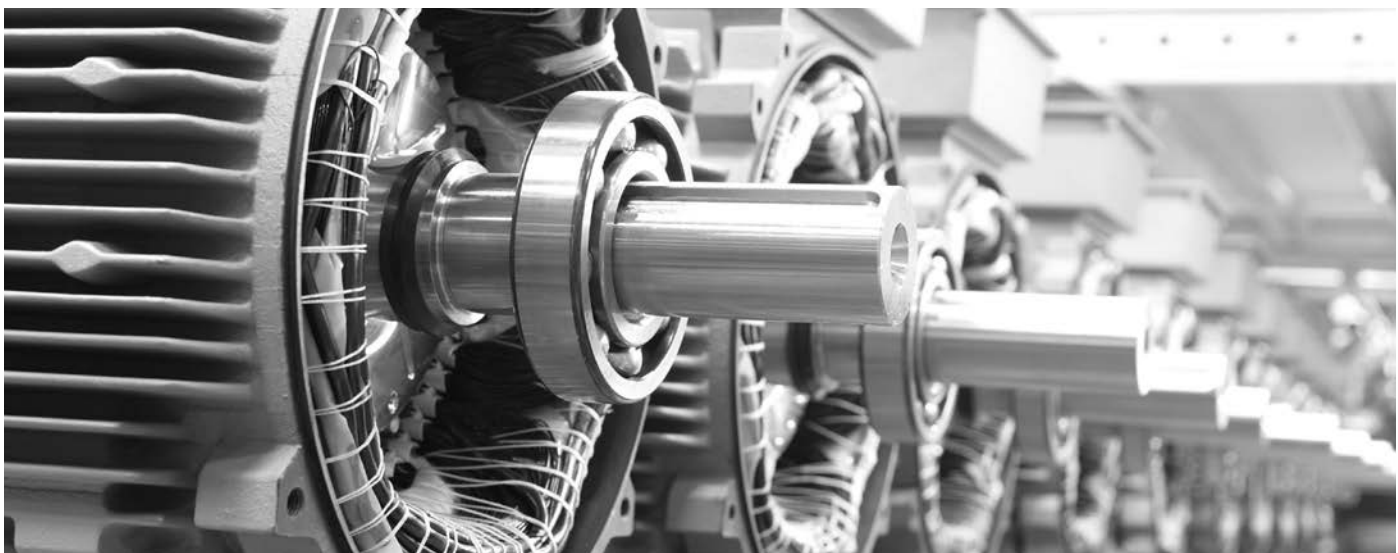
- Induction motors in aluminum and cast iron with efficiencies up to IE4
- Synchronous reluctance motors
- Permanent magnet motors
- High speed motors
- Water cooled motors

### 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
- E-mobility 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.**

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

0.12-55 kW (0.16-75 Hp)



### Features:

- Durable cast aluminum construction (extruded aluminum in frame sizes 200 and above)
- Cast iron end shield standard on frame sizes 160 and up
- IE3 efficiency per IEC 60034-30-1 (2014) (80 frame and above) All motors are compliant with DOE and NRCAN.
- Complies with EU MEPS/ EcoDesign Regulation (EU) 2019/1781 effective July 2021. CE marked.
- 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
- (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)
<b>IM B3 (1001), foot mounted</b>											
0.18 // 0.24	1500/1800	63	<b>MM06184-S-AP</b>	3GAA062312-ASF	M3AA 63B 4	364	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	1500/1800	71	<b>MM07254-S-AP</b>	3GAA072311-ASE	M3AA 71A 4	374	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	<b>MM07372-S-AP</b>	3GAA071311-ASE	M3AA 71A 2	390	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	<b>MM07374-S-AP</b>	3GAA072312-ASE	M3AA 71B 4	421	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.73	3000/3600	71	<b>MM07552-S-AP</b>	3GAA071312-ASE	M3AA 71B 2	431	IPP	9.45	13	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>MM08554-S-AP</b>	3GAA082311-ASE	M3AA 80A 4	466	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	<b>EMM08752-S-AP</b>	3GAA081320-ASK	M3AA 80MB 2	663	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>EMM08754-S-AP</b>	3GAA082350-ASK	M3AA 80ME 4	690	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	<b>EMM09756-S-AP</b>	3GAA093540-ASK	M3AA 90LD 6	869	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	<b>EMM08112-S-AP</b>	3GAA081330-ASK	M3AA 80MC 2	721	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMM09114-S-AP</b>	3GAA092530-ASK	M3AA 90LC 4	786	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	<b>EMM10116-S-AP</b>	3GAA103550-ASK	M3AA 100LE 6	1,066	IPP	13.05	77	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	<b>EMM09152-S-AP</b>	3GAA091520-ASK	M3AA 90LB 2	860	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMM09154-S-AP</b>	3GAA092540-ASK	M3AA 90LD 4	924	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	<b>EMM10156-S-AP</b>	3GAA103560-ASK	M3AA 100LF 6	1,220	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	<b>EMM09222-S-AP</b>	3GAA091530-ASK	M3AA 90LC 2	1,082	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMM10224-S-AP</b>	3GAA102550-ASK	M3AA 100LE 4	1,134	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1000/1200	112	<b>EMM11226-S-AP</b>	3GAA113330-ASK	M3AA 112MC 6	1,534	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	<b>EMM10032-S-AP</b>	3GAA101530-ASK	M3AA 100LC 2	1,282	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMM10034-S-AP</b>	3GAA102560-ASK	M3AA 100LF 4	1,347	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1000/1200	132	<b>EMM13036-S-AP</b>	3GAA133330-ASK	M3AA 132MC 6	1,698	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	<b>EMM11042-S-AP</b>	3GAA111320-ASK	M3AA 112MB 2	1,530	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	<b>EMM11044-S-AP</b>	3GAA112320-ASK	M3AA 112MB 4	1,600	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	1000/1200	132	<b>EMM13046-S-AP</b>	3GAA133340-ASK	M3AA 132MD 6	2,114	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	<b>EMM13552-S-AP</b>	3GAA131120-ASK	M3AA 132SB 2	1,776	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	<b>EMM13554-S-AP</b>	3GAA132320-ASK	M3AA 132MB 4	1,830	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	1000/1200	132	<b>EMM13556-S-AP</b>	3GAA133350-ASK	M3AA 132ME 4	2,613	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	<b>EMM13752-S-AP</b>	3GAA131130-ASK	M3AA 132SC 2	2,212	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	<b>EMM13754-S-AP</b>	3GAA132330-ASK	M3AA 132MC 4	2,309	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	160	<b>EMM16756-S-AP</b>	3GAA163410-ASK	M3AA 160MLA 6	2,754	IPP	22.99	275	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap.

\* 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

## 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)	
	<b>IM B3 (1001), foot mounted (continued)</b>												
Unit Handling	11 // 14.7	3000/3600	160	<b>EMM16112-S-AP</b>	3GAA161410-ASK	M3AA 160MLA 2	2,542	IPP	22.99	234	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	160	<b>EMM16114-S-AP</b>	3GAA162410-ASK	M3AA 160MLA 4	2,593	IPP	22.99	277	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	160	<b>EMM16116-S-AP</b>	3GAA163420-ASK	M3AA 160MLB 6	3,758	IPP	26.81	306	230D/400Y,50Hz; 460Y,60Hz		
Brake	15 // 20	3000/3600	160	<b>EMM16152-S-AP</b>	3GAA161420-ASK	M3AA 160MLB 2	3,299	IPP	22.99	271	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	160	<b>EMM16154-S-AP</b>	3GAA162420-ASK	M3AA 160MLB 4	3,356	IPP	26.81	308	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	180	<b>EMM18156-S-AP</b>	3GAA183410-ASK	M3AA 180MLA 6	4,675	IPP	28.58	385	230D/400Y,50Hz; 460Y,60Hz		
IEC Frame	18.5 // 24.6	3000/3600	160	<b>EMM16182-S-AP</b>	3GAA161430-ASK	M3AA 160MLC 2	3,959	IPP	26.81	302	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	180	<b>EMM18184-S-AP</b>	3GAA182410-ASK	M3AA 180MLA 4	4,188	IPP	28.58	389	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	200	<b>EMM20186-S-AP</b>	3GAA203410-ASK	M3AA 200MLA 6	6,109	IPP	32.32	502	230D/400Y,50Hz; 460Y,60Hz		
50 Hertz	22 // 29.3	3000/3600	180	<b>EMM18222-S-AP</b>	3GAA181410-ASK	M3AA 180MLA 2	4,904	IPP	28.58	387	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	180	<b>EMM18224-S-AP</b>	3GAA182420-ASK	M3AA 180MLB 4	4,561	IPP	28.58	387	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	200	<b>EMM20226-S-AP</b>	3GAA203420-ASK	M3AA 200MLB 6	6,568	IPP	32.32	539	230D/400Y,50Hz; 460Y,60Hz		
Variable Speed AC	30 // 40	3000/3600	200	<b>EMM20302-S-AP</b>	3GAA201410-ASK	M3AA 200MLA 2	6,138	IPP	32.32	518	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	200	<b>EMM20304-S-AP</b>	3GAA202410-ASK	M3AA 200MLA 4	6,368	IPP	32.32	542	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	225	<b>EMM22306-S-AP</b>	3GAA223210-ASK	M3AA 225SMA 6	8,950	IPP	34.65	705	230D/400Y,50Hz; 460Y,60Hz		
DC	37 // 49.3	3000/3600	200	<b>EMM20372-S-AP</b>	3GAA201420-ASK	M3AA 200MLB 2	8,090	IPP	32.32	531	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	225	<b>EMM22374-S-AP</b>	3GAA222210-ASK	M3AA 225SMA 4	7,774	IPP	34.65	694	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	250	<b>EMM25376-S-AP</b>	3GAA253210-ASK	M3AA 250SMA 6	11,760	IPP	34.80	809	230D/400Y,50Hz; 460Y,60Hz		
Accessories	45 // 60	3000/3600	225	<b>EMM22452-S-AP</b>	3GAA221210-ASK	M3AA 225SMA 2	9,695	IPP	33.46	719	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	225	<b>EMM22454-S-AP</b>	3GAA222220-ASK	M3AA 225SMB 4	8,520	IPP	34.65	696	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	250	<b>EMM25552-S-AP</b>	3GAA251210-ASK	M3AA 250SMA 2	11,760	IPP	34.80	773	230D/400Y,50Hz; 460Y,60Hz		
Service	55 // 73.3	1500/1800	250	<b>EMM25554-S-AP</b>	3GAA252210-ASK	M3AA 250SMA 4	11,330	IPP	34.80	828	230D/400Y,50Hz; 460Y,60Hz		
		<b>IM B5 (3001), flange mounted, footless</b>											
		0.12 // 0.16	1500/1800	63	<b>MVM06124D-S-AP</b>	3GAA062311-BSF	M3AA 63A 4	421	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
Grinders	0.18 // 0.25	3000/3600	63	<b>MVM06182D-S-AP</b>	3GAA061311-BSF	M3AA 63A 2	413	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	63	<b>MVM06184D-S-AP</b>	3GAA062312-BSF	M3AA 63B 4	425	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	63	<b>MVM06252D-S-AP</b>	3GAA061312-BSF	M3AA 63B 2	419	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz		
Grinders	0.25 // 0.33	1500/1800	71	<b>MVM07254D-S-AP</b>	3GAA072311-BSE	M3AA 71A 4	444	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	71	<b>MVM07372D-S-AP</b>	3GAA071311-BSE	M3AA 71A 2	458	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	71	<b>MVM07374D-S-AP</b>	3GAA072312-BSE	M3AA 71B 4	497	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz		
Grinders	0.37 // 0.5	3000/3600	71	<b>MVM07552D-S-AP</b>	3GAA071312-BSE	M3AA 71B 2	505	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	80	<b>MVM08554D-S-AP</b>	3GAA082311-BSE	M3AA 80A 4	540	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	80	<b>EMVM08752D-S-AP</b>	3GAA081320-BSK	M3AA 80MB 2	760	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz		
Grinders	0.55 // 0.75	1500/1800	80	<b>EMVM08754D-S-AP</b>	3GAA082350-BSK	M3AA 80ME 4	772	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	90	<b>EMVM09756D-S-AP</b>	3GAA093540-BSK	M3AA 90LD 6	951	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	80	<b>EMVM08112D-S-AP</b>	3GAA081330-BSK	M3AA 80MC 2	815	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz		
Grinders	1.1 // 1.5	1000/1200	100	<b>EMVM10116D-S-AP</b>	3GAA103550-BSK	M3AA 100LE 6	1,137	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz		
		1500/1800	90	<b>EMVM09114D-S-AP</b>	3GAA092530-BSK	M3AA 90LC 4	885	IPP	13.05	77	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	90	<b>EMVM09152D-S-AP</b>	3GAA091520-BSK	M3AA 90LB 2	959	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz		
Grinders	1.5 // 2	1500/1800	90	<b>EMVM09154D-S-AP</b>	3GAA092540-BSK	M3AA 90LD 4	1,060	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	100	<b>EMVM10156D-S-AP</b>	3GAA103560-BSK	M3AA 100LF 6	1,320	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	90	<b>EMVM09222D-S-AP</b>	3GAA091530-BSK	M3AA 90LC 2	1,189	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz		
Grinders	2.2 // 3	1500/1800	100	<b>EMVM10224D-S-AP</b>	3GAA102550-BSK	M3AA 100LE 4	1,259	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	112	<b>EMVM11226D-S-AP</b>	3GAA113330-BSK	M3AA 112MC 6	1,633	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	100	<b>EMVM10032D-S-AP</b>	3GAA101530-BSK	M3AA 100LC 2	1,411	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz		
Grinders	3 // 4	1500/1800	100	<b>EMVM10034D-S-AP</b>	3GAA102560-BSK	M3AA 100LF 4	1,501	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	132	<b>EMVM13036D-S-AP</b>	3GAA133330-BSK	M3AA 132MC 6	2,052	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	112	<b>EMVM11042D-S-AP</b>	3GAA111320-BSK	M3AA 112MB 2	1,688	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz		
Grinders	4 // 5.3	1500/1800	112	<b>EMVM11044D-S-AP</b>	3GAA112320-BSK	M3AA 112MB 4	1,752	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	132	<b>EMVM13046D-S-AP</b>	3GAA133340-BSK	M3AA 132MD 6	2,220	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	132	<b>EMVM13552D-S-AP</b>	3GAA131120-BSK	M3AA 132SB 2	1,959	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz		
Grinders	5.5 // 7.3	1500/1800	132	<b>EMVM13554D-S-AP</b>	3GAA132320-BSK	M3AA 132MB 4	1,996	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz		
		1000/1200	132	<b>EMVM13556D-S-AP</b>	3GAA133350-BSK	M3AA 132ME 6	2,699	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz		
		3000/3600	132	<b>EMVM13752D-S-AP</b>	3GAA131130-BSK	M3AA 132SC 2	2,378	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz		
Grinders	7.5 // 10	1500/1800	132	<b>EMVM13754D-S-AP</b>	3GAA132330-BSK	M3AA 132MC 4	2,518	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz		

(a) See notes on inside back flap.

\* 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

**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)
<b>IM B14 (3601), face mounted, footless</b>											
0.18 // 0.25	3000/3600	63	<b>MVM06182C-S-AP</b>	3GAA061311-CSF	M3AA 63A 2	413	IPP	8.43	9	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	63	<b>MVM06184C-S-AP</b>	3GAA062312-CSF	M3AA 63B 4	425	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
0.25 // 0.33	3000/3600	63	<b>MVM06252C-S-AP</b>	3GAA061312-CSF	M3AA 63B 2	419	IPP	8.43	10	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	<b>MVM07254C-S-AP</b>	3GAA072311-CSE	M3AA 71A 4	444	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.5	3000/3600	71	<b>MVM07372C-S-AP</b>	3GAA071311-CSE	M3AA 71A 2	458	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	<b>MVM07374C-S-AP</b>	3GAA072312-CSE	M3AA 71B 4	497	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	3000/3600	71	<b>MVM07552C-S-AP</b>	3GAA071312-CSE	M3AA 71B 2	505	IPP	9.45	11	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>MVM08554C-S-AP</b>	3GAA082311-CSE	M3AA 80A 4	540	IPP	10.45	19	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	<b>EMVM08752C-S-AP</b>	3GAA081320-CSK	M3AA 80MB 2	760	IPP	10.45	21	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>EMVM08754C-S-AP</b>	3GAA082350-CSK	M3AA 80ME 4	772	IPP	11.56	30	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	<b>EMVM09756C-S-AP</b>	3GAA093540-CSK	M3AA 90LD 6	951	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	<b>EMVM08112C-S-AP</b>	3GAA081330-CSK	M3AA 80MC 2	815	IPP	10.45	23	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	<b>EMVM10116C-S-AP</b>	3GAA103550-CSK	M3AA 100LE 6	1,137	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMVM09114C-S-AP</b>	3GAA092530-CSK	M3AA 90LC 4	885	IPP	13.05	77	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	<b>EMVM09152C-S-AP</b>	3GAA091520-CSK	M3AA 90LB 2	959	IPP	13.05	37	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMVM09154C-S-AP</b>	3GAA092540-CSK	M3AA 90LD 4	1,060	IPP	13.05	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	<b>EMVM10156C-S-AP</b>	3GAA103560-CSK	M3AA 100LF 6	1,320	IPP	17.01	77	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	<b>EMVM09222C-S-AP</b>	3GAA091530-CSK	M3AA 90LC 2	1,189	IPP	13.05	44	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMVM10224C-S-AP</b>	3GAA102550-CSK	M3AA 100LE 4	1,259	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	<b>EMVM11226C-S-AP</b>	3GAA113330-CSK	M3AA 112MC 6	1,633	IPP	16.97	95	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	<b>EMVM10032C-S-AP</b>	3GAA101530-CSK	M3AA 100LC 2	1,411	IPP	17.01	62	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMVM10034C-S-AP</b>	3GAA102560-CSK	M3AA 100LF 4	1,501	IPP	17.01	79	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13036C-S-AP</b>	3GAA133330-CSK	M3AA 132MC 6	2,052	IPP	19.17	145	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	<b>EMVM11042C-S-AP</b>	3GAA111320-CSK	M3AA 112MB 2	1,688	IPP	16.97	84	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	<b>EMVM11044C-S-AP</b>	3GAA112320-CSK	M3AA 112MB 4	1,752	IPP	16.97	97	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13046C-S-AP</b>	3GAA133340-CSK	M3AA 132MD 6	2,220	IPP	19.17	148	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.3	3000/3600	132	<b>EMVM13552C-S-AP</b>	3GAA131120-CSK	M3AA 132SB 2	1,959	IPP	19.17	128	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	<b>EMVM13554C-S-AP</b>	3GAA132320-CSK	M3AA 132MB 4	1,996	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13556C-S-AP</b>	3GAA133350-CSK	M3AA 132ME 6	2,699	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	132	<b>EMVM13752C-S-AP</b>	3GAA131130-CSK	M3AA 132SC 2	2,378	IPP	19.17	139	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	132	<b>EMVM13754C-S-AP</b>	3GAA132330-CSK	M3AA 132MC 4	2,518	IPP	19.17	150	230D/400Y,50Hz; 460Y,60Hz	

(a) See notes on inside back flap.

\* 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



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

### 0.25-90 kW (0.33-125 Hp)



#### 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
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021. CE marked.
- 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)
<b>IM B3 (1001), foot mounted</b>											
0.25 // 0.33	1500/1800	71	<b>MM07254-S-PP</b>	3GBP072321-ASB	M3BP 71MA 4	418	IPP	10.39	22	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	<b>EMM08256-S-PP</b>	3GBP083310-ASK	M3BP 80MA 6	641	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	3000/3600	71	<b>MM07372-S-PP</b>	3GBP071321-ASB	M3BP 71MA 2	435	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	71	<b>MM07374-S-PP</b>	3GBP072322-ASB	M3BP 71MB 4	472	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1000/1200	80	<b>EMM08376-S-PP</b>	3GBP083340-ASK	M3BP 80MD 6	709	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	71	<b>MM07552-S-PP</b>	3GBP071322-ASB	M3BP 71MB 2	482	IPP	10.39	24	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>EMM08554-S-PP</b>	3GBP082440-ASK	M3BP 80MLD 4	655	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	1000/1200	80	<b>EMM08556-S-PP</b>	3GBP083470-ASK	M3BP 80MLG 6	806	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	<b>EMM08752-S-PP</b>	3GBP081340-ASK	M3BP 80MD 2	741	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>EMM08754-S-PP</b>	3GBP082470-ASK	M3BP 80MLG 4	770	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	1000/1200	90	<b>EMM09756-S-PP</b>	3GBP093570-ASK	M3BP 90LG 6	972	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	<b>EMM08112-S-PP</b>	3GBP081370-ASK	M3BP 80MG 2	806	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMM09114-S-PP</b>	3GBP103870-ASK	M3BP 100LK 6	1,191	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1000/1200	90	<b>EMM09114-S-PP</b>	3GBP092530-ASK	M3BP 90LC 4	878	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	<b>EMM09152-S-PP</b>	3GBP091520-ASK	M3BP 90LB 2	961	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMM09154-S-PP</b>	3GBP092540-ASK	M3BP 90LD 4	1,032	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1000/1200	112	<b>EMM11156-S-PP</b>	3GBP113380-ASK	M3BP 112MH 6	1,363	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	<b>EMM09222-S-PP</b>	3GBP091530-ASK	M3BP 90LC 2	1,209	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMM10224-S-PP</b>	3GBP102810-ASK	M3BP 100LKA 4	1,267	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	1000/1200	132	<b>EMM13226-S-PP</b>	3GBP133230-ASK	M3BP 132SMC 6	1,713	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	<b>EMM10032-S-PP</b>	3GBP101810-ASK	M3BP 100LKA 2	1,432	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMM10034-S-PP</b>	3GBP102820-ASK	M3BP 100LKB 4	1,504	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1000/1200	132	<b>EMM13036-S-PP</b>	3GBP133240-ASK	M3BP 132SMD 6	2,131	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	112	<b>EMM11042-S-PP</b>	3GBP111370-ASK	M3BP 112MG 2	1,709	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	<b>EMM11044-S-PP</b>	3GBP112370-ASK	M3BP 112MG 4	1,788	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	1000/1200	132	<b>EMM13046-S-PP</b>	3GBP133270-ASK	M3BP 132SMG 6	2,652	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	<b>EMM13552-D-PP</b>	3GBP131260-ADK	M3BP 132SMF 2	2,227	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	<b>EMM13554-D-PP</b>	3GBP132260-ADK	M3BP 132SMF 4	2,296	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	1000/1200	132	<b>EMM13556-D-PP</b>	3GBP133280-ADK	M3BP 132SMH 6	3,278	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
	3000/3600	132	<b>EMM13752-D-PP</b>	3GBP131270-ADK	M3BP 132SMG 2	2,774	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	<b>EMM13754-D-PP</b>	3GBP132270-ADK	M3BP 132SMG 4	2,897	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap.

■ Cast iron frame

\* Motors are stamped with kW only.

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

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

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

3 year warranty

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)
<b>IM B3 (1001), foot mounted (continued)</b>											
11 // 15	3000/3600	160	<b>EMM16112-D-PPN</b>	3GBP161410-ADK	M3BP 160MLA 2	3,505	IPP	22.99	311	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	160	<b>EMM16114-D-PPN</b>	3GBP162410-ADK	M3BP 160MLA 4	3,252	IPP	22.99	382	400D/415D/690Y,50Hz; 460D,60Hz	25
15 // 20	3000/3600	160	<b>EMM16152-D-PPN</b>	3GBP161420-ADK	M3BP 160MLB 2	4,533	IPP	22.99	375	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	160	<b>EMM16154-D-PPN</b>	3GBP162420-ADK	M3BP 160MLB 4	4,187	IPP	26.81	413	400D/415D/690Y,50Hz; 460D,60Hz	25
18.5 // 25	3000/3600	160	<b>EMM16182-D-PPN</b>	3GBP161430-ADK	M3BP 160MLC 2	5,005	IPP	26.81	403	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	180	<b>EMM18184-D-PPN</b>	3GBP182410-ADK	M3BP 180MLA 4	4,775	IPP	28.58	519	400D/415D/690Y,50Hz; 460D,60Hz	25
22 // 30	3000/3600	180	<b>EMM18222-D-PPN</b>	3GBP181410-ADK	M3BP 180MLA 2	5,593	IPP	28.58	516	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	180	<b>EMM18224-D-PPN</b>	3GBP182420-ADK	M3BP 180MLB 4	5,725	IPP	28.58	519	400D/415D/690Y,50Hz; 460D,60Hz	25
30 // 40	3000/3600	200	<b>EMM20302-D-PPN</b>	3GBP201410-ADK	M3BP 200MLA 2	7,000	IPP	32.32	657	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	200	<b>EMM20304-D-PPN</b>	3GBP202410-ADK	M3BP 200MLA 4	7,262	IPP	32.32	703	400D/415D/690Y,50Hz; 460D,60Hz	25
37 // 50	3000/3600	200	<b>EMM20372-D-PPN</b>	3GBP201420-ADK	M3BP 200MLB 2	9,224	IPP	32.32	692	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	225	<b>EMM22374-D-PPN</b>	3GBP222210-ADK	M3BP 225SMA 4	8,865	IPP	34.65	877	400D/415D/690Y,50Hz; 460D,60Hz	25
45 // 60	3000/3600	225	<b>EMM22452-D-PPN</b>	3GBP221210-ADK	M3BP 225SMA 2	11,057	IPP	33.46	692	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	225	<b>EMM22454-D-PPN</b>	3GBP222220-ADK	M3BP 225SMB 4	10,697	IPP	34.65	877	400D/415D/690Y,50Hz; 460D,60Hz	25
55 // 75	3000/3600	250	<b>EMM25552-D-PPN</b>	3GBP251210-ADK	M3BP 250SMA 2	13,412	IPP	34.80	997	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	250	<b>EMM25554-D-PPN</b>	3GBP252210-ADK	M3BP 250SMA 4	12,920	IPP	34.80	1049	400D/415D/690Y,50Hz; 460D,60Hz	25
75 // 100	3000/3600	280	<b>EMM28752-D-PP</b>	3GBP281220-ADK	M3BP 280SMB 2	20,113	IPP	34.80	1466	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	280	<b>EMM28754-D-PP</b>	3GBP282220-ADK	M3BP 280SMB 4	19,429	IPP	34.80	1466	400D/415D/690Y,50Hz; 460D,60Hz	25
90 // 125	3000/3600	280	<b>EMM28902-D-PP</b>	3GBP281230-ADK	M3BP 280SMC 2	24,143	IPP	34.80	1598	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	280	<b>EMM28904-D-PP</b>	3GBP282230-ADK	M3BP 280SMC 4	22,704	IPP	34.80	1598	400D/415D/690Y,50Hz; 460D,60Hz	25
<b>IM B5 (3001), flange mounted, footless</b>											
0.25 // 0.33	1000/1200	80	<b>EMVM08256D-S-PP</b>	3GBP083310-BSK	M3BP 80MA 6	745	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1000/1200	80	<b>EMVM08376D-S-PP</b>	3GBP083340-BSK	M3BP 80MD 6	806	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>EMVM08554D-S-PP</b>	3GBP082440-BSK	M3BP 80MLD 4	766	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1000/1200	80	<b>EMVM08556D-S-PP</b>	3GBP083470-BSK	M3BP 80MLG 6	910	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	80	<b>EMVM08752D-S-PP</b>	3GBP081340-BSK	M3BP 80MD 2	849	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	1500/1800	80	<b>EMVM08754D-S-PP</b>	3GBP082470-BSK	M3BP 80MLG 4	864	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	<b>EMVM09756D-S-PP</b>	3GBP093570-BSK	M3BP 90LG 6	1,061	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	<b>EMVM08112D-S-PP</b>	3GBP081370-BSK	M3BP 80MG 2	910	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	<b>EMVM10116D-S-PP</b>	3GBP103870-BSK	M3BP 100LKG 6	1,270	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	1500/1800	90	<b>EMVM09114D-S-PP</b>	3GBP092530-BSK	M3BP 90LC 4	989	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	90	<b>EMVM09152D-S-PP</b>	3GBP091520-BSK	M3BP 90LB 2	1,072	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	1500/1800	90	<b>EMVM09154D-S-PP</b>	3GBP092540-BSK	M3BP 90LD 4	1,184	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	<b>EMVM11156D-S-PP</b>	3GBP113380-BSK	M3BP 112MH 6	1,475	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	90	<b>EMVM09222D-S-PP</b>	3GBP091530-BSK	M3BP 90LC 2	1,328	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMVM10224D-S-PP</b>	3GBP102810-BSK	M3BP 100LKA 4	1,407	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	1000/1200	132	<b>EMVM13226D-S-PP</b>	3GBP133230-BSK	M3BP 132SMC 6	1,825	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	100	<b>EMVM10032D-S-PP</b>	3GBP101810-BSK	M3BP 100LKA 2	1,576	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	1500/1800	100	<b>EMVM10034D-S-PP</b>	3GBP102820-BSK	M3BP 100LKB 4	1,677	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13036D-S-PP</b>	3GBP133240-BSK	M3BP 132SMD 6	2,292	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	3000/3600	112	<b>EMVM11042D-S-PP</b>	3GBP111370-BSK	M3BP 112MG 2	1,886	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	<b>EMVM11044D-S-PP</b>	3GBP112370-BSK	M3BP 112MG 4	1,957	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
7.5 // 10	1000/1200	132	<b>EMVM13046D-S-PP</b>	3GBP133270-BSK	M3BP 132SMG 6	2,785	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
	3000/3600	132	<b>EMVM13552D-D-PP</b>	3GBP131260-BDK	M3BP 132SMF 2	2,458	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	1500/1800	132	<b>EMVM13554D-D-PP</b>	3GBP132260-BDK	M3BP 132SMF 4	2,504	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	<b>EMVM13556D-D-PP</b>	3GBP133280-BDK	M3BP 132SMH 6	3,386	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	<b>EMVM13752D-D-PP</b>	3GBP131270-BDK	M3BP 132SMG 2	2,983	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	<b>EMVM13754D-D-PP</b>	3GBP132270-BDK	M3BP 132SMG 4	3,159	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap.

■ Cast iron frame

\* Motors are stamped with kW only.

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

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

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

3 year warranty

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

## 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)
<b>IM B14 (3601), face mounted, footless</b>											
0.25 // 0.33	1000/1200	80	<b>EMVM08256C-S-PP</b>	3GBP083310-BSK	M3BP 80MA 6	745	IPP	13.03	31	230D/400Y,50Hz; 460Y,60Hz	
0.37 // 0.50	1000/1200	80	<b>EMVM08376C-S-PP</b>	3GBP083340-BSK	M3BP 80MD 6	806	IPP	13.03	35	230D/400Y,50Hz; 460Y,60Hz	
0.55 // 0.75	1500/1800	80	<b>EMVM08554C-S-PP</b>	3GBP082440-BSK	M3BP 80MLD 4	766	IPP	14.29	44	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	80	<b>EMVM08556C-S-PP</b>	3GBP083470-BSK	M3BP 80MLG 6	910	IPP	14.29	46	230D/400Y,50Hz; 460Y,60Hz	
0.75 // 1	3000/3600	80	<b>EMVM08752C-S-PP</b>	3GBP081340-BSK	M3BP 80MD 2	849	IPP	13.03	40	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	80	<b>EMVM08754C-S-PP</b>	3GBP082470-BSK	M3BP 80MLG 4	864	IPP	14.29	49	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	90	<b>EMVM09756C-S-PP</b>	3GBP093570-BSK	M3BP 90LG 6	1,061	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
1.1 // 1.5	3000/3600	80	<b>EMVM08112C-S-PP</b>	3GBP081370-BSK	M3BP 80MG 2	910	IPP	13.03	42	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	100	<b>EMVM10116C-S-PP</b>	3GBP103870-BSK	M3BP 100LKG 6	1,270	IPP	17.13	104	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMVM09114C-S-PP</b>	3GBP092530-BSK	M3BP 90LC 4	989	IPP	15.35	73	230D/400Y,50Hz; 460Y,60Hz	
1.5 // 2	3000/3600	90	<b>EMVM09152C-S-PP</b>	3GBP091520-BSK	M3BP 90LB 2	1,072	IPP	15.35	68	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	90	<b>EMVM09154C-S-PP</b>	3GBP092540-BSK	M3BP 90LD 4	1,184	IPP	15.35	75	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	112	<b>EMVM11156C-S-PP</b>	3GBP113380-BSK	M3BP 112MH 6	1,475	IPP	17.40	117	230D/400Y,50Hz; 460Y,60Hz	
2.2 // 3	3000/3600	90	<b>EMVM09222C-S-PP</b>	3GBP091530-BSK	M3BP 90LC 2	1,328	IPP	15.35	77	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMVM10224C-S-PP</b>	3GBP102810-BSK	M3BP 100LKA 4	1,407	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13226C-S-PP</b>	3GBP133230-BSK	M3BP 132SMC 6	1,825	IPP	20.94	179	230D/400Y,50Hz; 460Y,60Hz	
3 // 4	3000/3600	100	<b>EMVM10032C-S-PP</b>	3GBP101810-BSK	M3BP 100LKA 2	1,576	IPP	17.13	110	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	100	<b>EMVM10034C-S-PP</b>	3GBP102820-BSK	M3BP 100LKB 4	1,677	IPP	17.13	108	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13036C-S-PP</b>	3GBP133240-BSK	M3BP 132SMD 6	2,292	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
4 // 5.3	3000/3600	112	<b>EMVM11042C-S-PP</b>	3GBP111370-BSK	M3BP 112MG 2	1,886	IPP	17.40	123	230D/400Y,50Hz; 460Y,60Hz	
	1500/1800	112	<b>EMVM11044C-S-PP</b>	3GBP112370-BSK	M3BP 112MG 4	1,957	IPP	17.40	115	230D/400Y,50Hz; 460Y,60Hz	
	1000/1200	132	<b>EMVM13046C-S-PP</b>	3GBP133270-BSK	M3BP 132SMG 6	2,785	IPP	20.94	181	230D/400Y,50Hz; 460Y,60Hz	
5.5 // 7.5	3000/3600	132	<b>EMVM13552C-D-PP</b>	3GBP131260-BDK	M3BP 132SMF 2	2,458	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	<b>EMVM13554C-D-PP</b>	3GBP132260-BDK	M3BP 132SMF 4	2,504	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25
	1000/1200	132	<b>EMVM13556C-D-PP</b>	3GBP133280-BDK	M3BP 132SMH 6	3,386	IPP	20.94	174	400D/415D/690Y,50Hz; 460D,60Hz	25
7.5 // 10	3000/3600	132	<b>EMVM13752C-D-PP</b>	3GBP131270-BDK	M3BP 132SMG 2	2,983	IPP	20.94	170	400D/415D/690Y,50Hz; 460D,60Hz	25
	1500/1800	132	<b>EMVM13754C-D-PP</b>	3GBP132270-BDK	M3BP 132SMG 4	3,159	IPP	20.94	179	400D/415D/690Y,50Hz; 460D,60Hz	25

(a) See notes on inside back flap.

■ Cast iron frame

\* Motors are stamped with kW only.

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

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

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

3 year warranty



**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)
<b>B5 machined flange only</b>								
63	M3AA	2,4,6	F	115	<b>M3AA063115-B5</b>	85	SVC	1
71	M3AA	2,4,6	E	130	<b>M3AA071130-B5</b>	108	SVC	1
	M3BP	2,4,6	B	130	<b>M3BP071130-B5</b>	97	SVC	5
80	M3AA	2,4,6	K	165	<b>M3AA080165-B5</b>	145	SVC	1
	M3BP	2,4,6	K	165	<b>M3BP080165-B5</b>	115	SVC	7
90	M3AA	2,4,6	K	165	<b>M3AA090165-B5</b>	115	SVC	2
	M3BP	2,4,6	K	165	<b>M3BP090165-B5</b>	133	SVC	9
100	M3AA	2,4,6	K	215	<b>M3AA100215-B5</b>	295	SVC	3
	M3BP	2,4,6	K	215	<b>M3BP100215-B5</b>	191	SVC	11
112	M3AA	2,4,6	K	215	<b>M3AA112215-B5</b>	309	SVC	14
	M3BP	2,4,6	K	215	<b>M3BP112215-B5</b>	321	SVC	10
132	M3AA	2,4,6	K	265	<b>M3AA132265-B5</b>	336	SVC	14
	M3BP	2,4,6	K	265	<b>M3BP132265-B5</b>	351	SVC	21
160	M3AA	2,4,6	K	300	<b>M3AA160300-B5</b>	455	SVC	40
	M3BP	2,4,6	K	300	<b>M3BP160300-B5</b>	470	SVC	31
180	M3AA	2,4,6	K	300	<b>M3AA180300-B5</b>	798	SVC	54
	M3BP	2,4,6	K	300	<b>M3BP180300-B5</b>	693	SVC	37
200	M3AA	2,4,6	K	350	<b>M3AA200350-B5</b>	1,005	SVC	57
	M3BP	2,4,6	K	350	<b>M3BP200350-B5</b>	1,071	SVC	49
225	M3AA	2,4,6	K	400	<b>M3AA225400-B5</b>	1,574	SVC	63
	M3BP	2,4,6	K	400	<b>M3BP225400-B5</b>	1,298	SVC	63
250	M3AA	2,4,6	K	500	<b>M3AA250500-B5</b>	1,923	SVC	95
	M3BP	2,4,6	K	500	<b>M3BP250500-B5</b>	1,923	SVC	85
280	M3BP	2	K	500	<b>M3BP280500-B5-2P</b>	1,327	SVC	97
	M3BP	4,6	K	500	<b>M3BP280500-B5</b>	1,327	SVC	95
<b>B14 machined flange only</b>								
63	M3AA	2,4,6	F	75	<b>M3AA063075-B14</b>	87	SVC	1
71	M3AA	2,4,6	E	85	<b>M3AA071085-B14 *</b>	108	SVC	1
	M3BP	2,4,6	B	85	<b>M3BP071085-B14</b>	81	SVC	3
80	M3AA	2,4,6	K	100	<b>M3AA080100-B14 **</b>	145	SVC	1
	M3BP	2,4,6	K	100	<b>M3BP080100-B14</b>	100	SVC	4
90	M3AA	2,4,6	K	115	<b>M3AA090115-B14</b>	189	SVC	2
	M3BP	2,4,6	K	115	<b>M3BP090115-B14</b>	133	SVC	6
100	M3AA	2,4,6	K	130	<b>M3AA100130-B14</b>	297	SVC	2
	M3BP	2,4,6	K	130	<b>M3BP100130-B14</b>	193	SVC	8
112	M3AA	2,4,6	K	130	<b>M3AA112130-B14</b>	309	SVC	7
	M3BP	2,4,6	K	130	<b>M3BP112130-B14</b>	321	SVC	7
132	M3AA	2,4,6	K	165	<b>M3AA132165-B14</b>	372	SVC	11
	M3BP	2,4,6	K	165	<b>M3BP132165-B14</b>	351	SVC	13
160	M3AA	2,4,6	K	215	<b>M3AA160215-B14</b>	455	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.abb.com](http://baldor.abb.com)

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)



### 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
- Complies with EU MEPS/EcoDesign Regulation (EU) 2019/1781 effective July 2021. CE marked.
- 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)
<b>IM B3 (1001), foot mounted</b>											
0.18 // 0.24	1000/1200	71	IC410/TENV	<b>SSEWDM07186-B</b>	3GMA073310-ASB	M3MA 71MA 6	2,977	IFS	12.20	33	
	1500/1800	71	IC410/TENV	<b>SSEWDM07254-B</b>	3GMA072320-ASB	M3MA 71MB 4	2,939	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	<b>SSEWDM07256-B</b>	3GMA073320-ASB	M3MA 71MB 6	3,113	IFS	12.20	35	
	1500/1800	80	IC410/TENV	<b>SSEWDM08374-B</b>	3GMA082310-ASB	M3MA 80MA 4	2,977	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	<b>SSEWDM08376-B</b>	3GMA083310-ASB	M3MA 80MA 6	3,219	IFS	13.94	51	
	3000/3600	80	IC410/TENV	<b>SSEWDM08552-B</b>	3GMA081310-ASB	M3MA 80MA 2	2,977	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	<b>SSEWDM08554-B</b>	3GMA082320-ASB	M3MA 80MB 4	3,113	IFS	13.94	51	
	1000/1200	90	IC410/TENV	<b>SSEWDM09556-B</b>	3GMA093310-ASB	M3MA 90MA 6	3,541	IFS	17.15	106	
0.75 // 1	3000/3600	80	IC410/TENV	<b>SSEWDM08752-B</b>	3GMA081320-ASB	M3MA 80MB 2	3,113	IFS	13.94	51	
	1500/1800	80	IC410/TENV	<b>SSEWDM08754-B</b>	3GMA082330-ASB	M3MA 80MC 4	3,219	IFS	13.94	51	
1.1 // 1.5	1000/1200	90	IC410/TENV	<b>SSEWDM09756-B</b>	3GMA093320-ASB	M3MA 90MB 6	3,891	IFS	17.15	115	
	3000/3600	80	IC410/TENV	<b>SSEWDM08112-B</b>	3GMA081330-ASB	M3MA 80MC 2	3,219	IFS	13.94	51	
1.5 // 2	1500/1800	90	IC410/TENV	<b>SSEWDM09114-B</b>	3GMA092310-ASB	M3MA 90MA 4	3,541	IFS	17.15	106	
	3000/3600	90	IC410/TENV	<b>SSEWDM09152-B</b>	3GMA091310-ASB	M3MA 90MA 2	3,929	IFS	17.15	115	
2.2 // 3	1500/1800	90	IC410/TENV	<b>SSEWDM09154-B</b>	3GMA092320-ASB	M3MA 90MB 4	3,891	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	<b>SSEWDM10156-B</b>	3GMA103510-ASB	M3MA 100LA 6	5,441	IFS	18.92	128	
	3000/3600	90	IC410/TENV	<b>SSEWDM09222-B</b>	3GMA091320-ASB	M3MA 90MA 2	4,119	IFS	17.15	115	
3 // 4	1500/1800	100	IC411/TEFC	<b>SSEWDM10224-B</b>	3GMA102510-ASB	M3MA 100LA 4	4,986	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	<b>SSEWDM11226-B</b>	3GMA113510-ASB	M3MA 112LA 6	6,196	IFS	18.92	130	
4 // 5	3000/3600	100	IC411/TEFC	<b>SSEWDM10032-B</b>	3GMA101510-ASB	M3MA 100LA 2	5,441	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	<b>SSEWDM10034-B</b>	3GMA102520-ASB	M3MA 100LB 4	5,441	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	<b>SSEWDM13036-B</b>	3GMA133510-ASB	M3MA 132LA 6	7,254	IFS	22.81	148	
5.5 // 7.3	3000/3600	112	IC411/TEFC	<b>SSEWDM11042-B</b>	3GMA111510-ASB	M3MA 112MA 2	6,196	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	<b>SSEWDM11044-B</b>	3GMA112510-ASB	M3MA 112LA 4	6,196	IFS	18.92	134	
7.5 // 10	1000/1200	132	IC411/TEFC	<b>SSEWDM13046-B</b>	3GMA133520-ASB	M3MA 132LB 6	7,632	IFS	22.81	148	
	3000/3600	132	IC411/TEFC	<b>SSEWDM13552-B</b>	3GMA131510-ASB	M3MA 132LA 2	7,254	IFS	22.81	152	
0.18 // 0.24	1500/1800	132	IC411/TEFC	<b>SSEWDM13554-B</b>	3GMA132510-ASB	M3MA 132LA 4	7,254	IFS	22.81	161	
	3000/3600	132	IC411/TEFC	<b>SSEWDM13752-B</b>	3GMA131520-ASB	M3MA 132LB 2	7,632	IFS	22.81	165	
0.25 // 0.33	1500/1800	132	IC411/TEFC	<b>SSEWDM13754-B</b>	3GMA132520-ASB	M3MA 132LB 4	7,632	IFS	22.81	181	
	1000/1200	90	IC410/TENV	<b>SSEWDM09556-D</b>	3GMA093310-BSB	M3MA 90MA 6	3,333	IFS	17.15	106	
<b>IM B5 (3001), flange mounted, footless</b>											
0.18 // 0.24	1000/1200	71	IC410/TENV	<b>SSEWDM07186D-B</b>	3GMA073310-BSB	M3MA 71MA 6	2,803	IFS	12.20	33	
	1500/1800	71	IC410/TENV	<b>SSEWDM07254D-B</b>	3GMA072320-BSB	M3MA 71MB 4	2,761	IFS	12.20	44	
0.25 // 0.33	1000/1200	71	IC410/TENV	<b>SSEWDM07256D-B</b>	3GMA073320-BSB	M3MA 71MB 6	2,943	IFS	12.20	35	
	1500/1800	80	IC410/TENV	<b>SSEWDM08374D-B</b>	3GMA082310-BSB	M3MA 80MA 4	2,803	IFS	13.94	51	
0.37 // 0.5	1000/1200	80	IC410/TENV	<b>SSEWDM08376D-B</b>	3GMA083310-BSB	M3MA 80MA 6	3,034	IFS	13.94	51	
	3000/3600	80	IC410/TENV	<b>SSEWDM08552D-B</b>	3GMA081310-BSB	M3MA 80MA 2	2,803	IFS	13.94	51	
0.55 // 0.73	1500/1800	80	IC410/TENV	<b>SSEWDM08554D-B</b>	3GMA082320-BSB	M3MA 80MB 4	2,943	IFS	13.94	51	
	1000/1200	90	IC410/TENV	<b>SSEWDM09556D-B</b>	3GMA093310-BSB	M3MA 90MA 6	3,333	IFS	17.15	106	

(a) See notes on inside back flap.

\* Motors are stamped with kW only.  
3 year warranty

Motors are usable at 230VD, 60Hz

**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)
<b>IM B5 (3001), flange mounted, footless (continued)</b>											
0.75 // 1	3000/3600	80	IC410/TENV	<b>SSEWDM08752D-B</b>	3GMA081320-BSB	M3MA 80MB 2	2,943	IFS	13.94	51	
	1500/1800	80	IC410/TENV	<b>SSEWDM08754D-B</b>	3GMA082330-BSB	M3MA 80MC 4	3,034	IFS	13.94	51	
	1000/1200	90	IC410/TENV	<b>SSEWDM09756D-B</b>	3GMA093320-BSB	M3MA 90MB 6	3,642	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	<b>SSEWDM08112D-B</b>	3GMA081330-BSB	M3MA 80MC 2	3,034	IFS	13.94	51	
	1500/1800	90	IC410/TENV	<b>SSEWDM09114D-B</b>	3GMA092310-BSB	M3MA 90MA 4	3,333	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	<b>SSEWDM09152D-B</b>	3GMA091310-BSB	M3MA 90MA 2	3,687	IFS	17.15	115	
	1500/1800	90	IC410/TENV	<b>SSEWDM09154D-B</b>	3GMA092320-BSB	M3MA 90MB 4	3,642	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	<b>SSEWDM10156D-B</b>	3GMA103510-BSB	M3MA 100LA 6	5,138	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	<b>SSEWDM09222D-B</b>	3GMA091320-BSB	M3MA 90MA 2	3,891	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	<b>SSEWDM10224D-B</b>	3GMA102510-BSB	M3MA 100LA 4	4,685	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	<b>SSEWDM11226D-B</b>	3GMA113510-BSB	M3MA 112LA 6	5,855	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	<b>SSEWDM10032D-B</b>	3GMA101510-BSB	M3MA 100LA 2	5,138	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	<b>SSEWDM10034D-B</b>	3GMA102520-BSB	M3MA 100LB 4	5,138	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	<b>SSEWDM13036D-B</b>	3GMA133510-BSB	M3MA 132LA 6	6,801	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	<b>SSEWDM11042D-B</b>	3GMA111510-BSB	M3MA 112MA 2	5,855	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	<b>SSEWDM11044D-B</b>	3GMA112510-BSB	M3MA 112LA 4	5,855	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	<b>SSEWDM13046D-B</b>	3GMA133520-BSB	M3MA 132LB 6	7,216	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	<b>SSEWDM13552D-B</b>	3GMA131510-BSB	M3MA 132LA 2	6,801	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	<b>SSEWDM13554D-B</b>	3GMA132510-BSB	M3MA 132LA 4	6,801	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	<b>SSEWDM13752D-B</b>	3GMA131520-BSB	M3MA 132LB 2	7,216	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	<b>SSEWDM13754D-B</b>	3GMA132520-BSB	M3MA 132LB 4	7,216	IFS	22.81	181	
<b>IM B14 (3601), face mounted, footless</b>											
0.18 // 0.24	1000/1200	71	IC410/TENV	<b>SSEWDM07186C-B</b>	3GMA073310-CSB	M3MA 71MA 6	2,803	IFS	12.20	33	
0.25 // 0.33	1500/1800	71	IC410/TENV	<b>SSEWDM07254C-B</b>	3GMA072320-CSB	M3MA 71MB 4	2,761	IFS	12.20	44	
	1000/1200	71	IC410/TENV	<b>SSEWDM07256C-B</b>	3GMA073320-CSB	M3MA 71MB 6	2,943	IFS	12.20	35	
0.37 // 0.5	1500/1800	80	IC410/TENV	<b>SSEWDM08374C-B</b>	3GMA082310-CSB	M3MA 80MA 4	2,803	IFS	13.94	51	
	1000/1200	80	IC410/TENV	<b>SSEWDM08376C-B</b>	3GMA083310-CSB	M3MA 80MA 6	3,034	IFS	13.94	51	
0.55 // 0.73	3000/3600	80	IC410/TENV	<b>SSEWDM08552C-B</b>	3GMA081310-CSB	M3MA 80MA 2	2,803	IFS	13.94	51	
	1500/1800	80	IC410/TENV	<b>SSEWDM08554C-B</b>	3GMA082320-CSB	M3MA 80MB 4	2,943	IFS	13.94	51	
	1000/1200	90	IC410/TENV	<b>SSEWDM09556C-B</b>	3GMA093310-CSB	M3MA 90MA 6	3,333	IFS	17.15	106	
0.75 // 1	3000/3600	80	IC410/TENV	<b>SSEWDM08752C-B</b>	3GMA081320-CSB	M3MA 80MB 2	2,943	IFS	13.94	51	
	1500/1800	80	IC410/TENV	<b>SSEWDM08754C-B</b>	3GMA082330-CSB	M3MA 80MC 4	3,034	IFS	13.94	51	
	1000/1200	90	IC410/TENV	<b>SSEWDM09756C-B</b>	3GMA093320-CSB	M3MA 90MB 6	3,642	IFS	17.15	115	
1.1 // 1.5	3000/3600	80	IC410/TENV	<b>SSEWDM08112C-B</b>	3GMA081330-CSB	M3MA 80MC 2	3,034	IFS	13.94	51	
	1500/1800	90	IC410/TENV	<b>SSEWDM09114C-B</b>	3GMA092310-CSB	M3MA 90MA 4	3,333	IFS	17.15	106	
1.5 // 2	3000/3600	90	IC410/TENV	<b>SSEWDM09152C-B</b>	3GMA091310-CSB	M3MA 90MA 2	3,687	IFS	17.15	115	
	1500/1800	90	IC410/TENV	<b>SSEWDM09154C-B</b>	3GMA092320-CSB	M3MA 90MB 4	3,642	IFS	17.15	115	
	1000/1200	100	IC411/TEFC	<b>SSEWDM10156C-B</b>	3GMA103510-CSB	M3MA 100LA 6	5,138	IFS	18.92	128	
2.2 // 3	3000/3600	90	IC410/TENV	<b>SSEWDM09222C-B</b>	3GMA091320-CSB	M3MA 90MA 2	3,891	IFS	17.15	115	
	1500/1800	100	IC411/TEFC	<b>SSEWDM10224C-B</b>	3GMA102510-CSB	M3MA 100LA 4	4,685	IFS	18.92	126	
	1000/1200	112	IC411/TEFC	<b>SSEWDM11226C-B</b>	3GMA113510-CSB	M3MA 112LA 6	5,855	IFS	18.92	130	
3 // 4	3000/3600	100	IC411/TEFC	<b>SSEWDM10032C-B</b>	3GMA101510-CSB	M3MA 100LA 2	5,138	IFS	18.92	133	
	1500/1800	100	IC411/TEFC	<b>SSEWDM10034C-B</b>	3GMA102520-CSB	M3MA 100LB 4	5,138	IFS	18.92	126	
	1000/1200	132	IC411/TEFC	<b>SSEWDM13036C-B</b>	3GMA133510-CSB	M3MA 132LA 6	6,801	IFS	22.81	148	
4 // 5	3000/3600	112	IC411/TEFC	<b>SSEWDM11042C-B</b>	3GMA111510-CSB	M3MA 112MA 2	5,855	IFS	18.92	134	
	1500/1800	112	IC411/TEFC	<b>SSEWDM11044C-B</b>	3GMA112510-CSB	M3MA 112LA 4	5,855	IFS	18.92	134	
	1000/1200	132	IC411/TEFC	<b>SSEWDM13046C-B</b>	3GMA133520-CSB	M3MA 132LB 6	7,216	IFS	22.81	148	
5.5 // 7.3	3000/3600	132	IC411/TEFC	<b>SSEWDM13552C-B</b>	3GMA131510-CSB	M3MA 132LA 2	6,801	IFS	22.81	152	
	1500/1800	132	IC411/TEFC	<b>SSEWDM13554C-B</b>	3GMA132510-CSB	M3MA 132LA 4	6,801	IFS	22.81	161	
7.5 // 10	3000/3600	132	IC411/TEFC	<b>SSEWDM13752C-B</b>	3GMA131520-CSB	M3MA 132LB 2	7,216	IFS	22.81	165	
	1500/1800	132	IC411/TEFC	<b>SSEWDM13754C-B</b>	3GMA132520-CSB	M3MA 132LB 4	7,216	IFS	22.81	181	

(a) See notes on inside back flap.

\* 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 &amp; D, T3, Class II, Div 2 Group F &amp; G, T4

0.37 - 90 kW

**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. CE marked.
- 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
- 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	<b>3GGP072450-ASLUS01</b>	M3GP 71MLE 4	1,657	IHA	10.40	33	230D/400Y/415Y,50Hz; 440Y/460Y,60Hz	2, 9
0.55	1500/1800	80	<b>3GGP082440-ASKUS02</b>	M3GP 80MLD 4	1,766	IHA	14.30	44	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
0.75	1500/1800	80	<b>3GGP082470-ASKUS02</b>	M3GP 80MLG 4	1,846	IHA	14.30	49	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
1.1	1500/1800	90	<b>3GGP092530-ASKUS02</b>	M3GP 90LC 4	2,004	IHA	15.35	73	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP092530-ADKUS02</b>	M3GP 90LC 4	2,004	IHA	15.35	73	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.5	1500/1800	90	<b>3GGP092540-ASKUS02</b>	M3GP 90LD 4	2,171	IHA	15.35	75	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP092540-ADKUS02</b>	M3GP 90LD 4	2,171	IHA	15.35	75	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
2.2	1500/1800	100	<b>3GGP102810-ASKUS02</b>	M3GP 100LKA 4	2,418	IHA	17.13	108	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP102810-ADKUS02</b>	M3GP 100LKA 4	2,418	IHA	17.13	108	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
3	1500/1800	100	<b>3GGP102820-ASKUS02</b>	M3GP 100LKB 4	2,737	IHA	17.13	108	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP102820-ADKUS02</b>	M3GP 100LKB 4	2,737	IHA	17.13	108	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
4	1500/1800	112	<b>3GGP112370-ASKUS02</b>	M3GP 112MG 4	3,042	IHA	17.40	115	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP112370-ADKUS02</b>	M3GP 112MG 4	3,042	IHA	17.40	115	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
5.5	1500/1800	132	<b>3GGP132260-ASKUS02</b>	M3GP 132SMF 4	3,533	IHA	20.95	179	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP132260-ADKUS02</b>	M3GP 132SMF 4	3,533	IHA	20.95	179	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
7.5	1500/1800	132	<b>3GGP132270-ASKUS02</b>	M3GP 132SMG 4	4,027	IHA	20.95	179	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GGP132270-ADKUS02</b>	M3GP 132SMG 4	4,027	IHA	20.95	179	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
11	1500/1800	160	<b>3GGP162410-ADKUS02</b>	M3GP 160MLA 4	5,476	IHA	26.81	414	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
15	1500/1800	160	<b>3GGP162420-ADKUS02</b>	M3GP 160MLB 4	6,477	IHA	26.81	414	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
18.5	1500/1800	180	<b>3GGP182410-ADKUS02</b>	M3GP 180MLA 4	7,292	IHA	28.58	518	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
22	1500/1800	180	<b>3GGP182420-ADKUS02</b>	M3GP 180MLB 4	8,527	IHA	28.58	518	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
30	1500/1800	200	<b>3GGP202410-ADKUS02</b>	M3GP 200MLA 4	10,340	IHA	32.32	703	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
37	1500/1800	225	<b>3GGP222210-ADKUS02</b>	M3GP 225SMA 4	12,243	IHA	33.43	877	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
45	1500/1800	225	<b>3GGP222220-ADKUS02</b>	M3GP 225SMB 4	14,711	IHA	33.43	877	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
55	1500/1800	250	<b>3GGP252210-ADKUS02</b>	M3GP 250SMA 4	17,478	IHA	34.80	1049	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
75	1500/1800	280	<b>3GGP282220-ADKUS03</b>	M3GP 280SMB 4	29,231	IHA	42.83	1466	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
90	1500/1800	280	<b>3GGP282230-ADKUS03</b>	M3GP 280SMC 4	32,570	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 Un ≤ 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.abb.com](http://baldor.abb.com)

Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

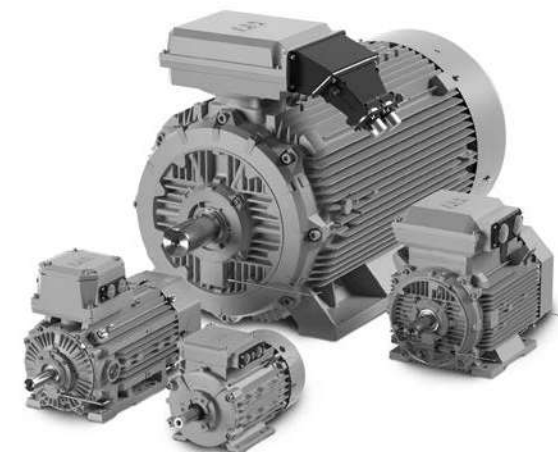
Grinders



**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

**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. CE marked.
- 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
- 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	<b>3GKP082440-ASKUS04</b>	M3KP 80MLD 4	3,285	IHA	16.10	88	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP082440-ADKUS04</b>	M3KP 80MLD 4	3,285	IHA	16.10	88	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
0.75	1500/1800	80	<b>3GKP082470-ASKUS04</b>	M3KP 80MLG 4	3,382	IHA	16.10	90	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP082470-ADKUS04</b>	M3KP 80MLG 4	3,382	IHA	16.10	90	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.1	1500/1800	90	<b>3GKP092030-ASKUS04</b>	M3KP 90SLC 4	3,679	IHA	17.32	115	220D/230D/380Y/400Y/415Y, 50Hz; 460Y,60Hz	2, 9
			<b>3GKP092030-ADKUS04</b>	M3KP 90SLC 4	3,679	IHA	17.32	115	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
1.5	1500/1800	90	<b>3GKP092540-ASKUS04</b>	M3KP 90LD 4	3,926	IHA	17.32	117	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP092540-ADKUS04</b>	M3KP 90LD 4	3,926	IHA	17.32	117	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
2.2	1500/1800	100	<b>3GKP102810-ASKUS04</b>	M3KP 100LKA 4	4,444	IHA	19.65	154	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP102810-ADKUS04</b>	M3KP 100LKA 4	4,444	IHA	19.65	154	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
3	1500/1800	100	<b>3GKP102820-ASKUS04</b>	M3KP 100LKB 4	4,882	IHA	19.65	154	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP102820-ADKUS04</b>	M3KP 100LKB 4	4,882	IHA	19.65	154	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
4	1500/1800	112	<b>3GKP112370-ASKUS04</b>	M3KP 112MG 4	5,686	IHA	19.10	157	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP112370-ADKUS04</b>	M3KP 112MG 4	5,686	IHA	19.10	157	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
5.5	1500/1800	132	<b>3GKP132260-ASKUS04</b>	M3KP 132SMF 4	6,651	IHA	22.68	243	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP132260-ADKUS04</b>	M3KP 132SMF 4	6,651	IHA	22.68	243	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
7.5	1500/1800	132	<b>3GKP132270-ASKUS04</b>	M3KP 132SMG 4	7,553	IHA	22.68	243	220D/230D/380Y/400Y/415Y,50Hz; 460Y,60Hz	2, 9
			<b>3GKP132270-ADKUS04</b>	M3KP 132SMG 4	7,553	IHA	22.68	243	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
11	1500/1800	160	<b>3GKP162410-ADKUS04</b>	M3KP 160MLA 4	9,145	IHA	31.81	516	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
15	1500/1800	160	<b>3GKP162420-ADKUS04</b>	M3KP 160MLB 4	10,847	IHA	31.81	558	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
18.5	1500/1800	180	<b>3GKP182410-ADKUS04</b>	M3KP 180MLA 4	13,578	IHA	32.52	628	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
22	1500/1800	180	<b>3GKP182420-ADKUS04</b>	M3KP 180MLB 4	14,747	IHA	27.80	639	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
30	1500/1800	200	<b>3GKP202410-ADKUS04</b>	M3KP 200MLA 4	18,333	IHA	32.44	750	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
37	1500/1800	225	<b>3GKP222210-ADKUS04</b>	M3KP 225SMA 4	22,230	IHA	35.47	869	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
45	1500/1800	225	<b>3GKP222220-ADKUS04</b>	M3KP 225SMB 4	24,667	IHA	35.47	950	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
55	1500/1800	250	<b>3GKP252210-ADKUS04</b>	M3KP 250SMA 4	29,956	IHA	35.24	974	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
75	1500/1800	280	<b>3GKP282220-ADKUS04</b>	M3KP 280SMB 4	41,300	IHA	42.91	1475	380D/400D/415D/660Y/690Y,50Hz; 460D,60Hz	2, 9, 25
90	1500/1800	280	<b>3GKP282230-ADKUS05</b>	M3KP 280SMC 4	45,641	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.abb.com](http://baldor.abb.com)

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	<b>EMM3554</b>	1,359	BIM	13.00	44	86.5	230/460	2.2	Yes	30
1.5/2	1800	D90L	<b>EMM3558</b>	1,386	BIM	13.00	45	86.5	230/460	2.9	Yes	30
2.2/3	3600	D90L	<b>EMM3559</b>	1,561	BIM	13.87	51	86.5	230/460	3.6	Yes	30
	1800	D100L	<b>EMM3611</b>	1,556	BIM	15.76	71	89.5	230/460	4.2	Yes	
3.7/5	3600	D100L	<b>EMM3613</b>	1,581	BIM	15.76	78	88.5	230/460	5.6	Yes	30
	1800	D112M	<b>EMM3615</b>	1,689	BIM	17.66	90	89.5	230/460	6.7	Yes	30
5.5/7.5	3600	D132S	<b>EMM3709</b>	2,386	BIM	17.66	118	89.5	230/460	9	Yes	30
	1800	D132S	<b>EMM3710</b>	2,417	BIM	18.79	151	91.7	230/460	9.5	Yes	30
7.5/10	3600	D132S	<b>EMM3711</b>	2,500	BIM	17.66	119	90.2	230/460	11.8	Yes	30
	1800	D132M	<b>EMM3714</b>	2,733	BIM	20.29	165	91.7	230/460	12	Yes	30
11/15	1800	D160M	<b>EMM2333</b>	3,932	BIM	23.64	250	92.4	230/460	18.1	Yes	30
15/20	1800	D160L	<b>EMM2334</b>	4,774	BIM	23.63	313	93	230/460	25	Yes	30

(a) See notes on inside back flap.

■ Cast iron frame

# XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 and 575 volts, foot mounted

1 thru 900 Hp

**IP55** **IP66**



**Features:**

- Robust cast iron construction
- Regreasable bearings all frames
- IP55 on 143T-L449T frames, IP66 on 5000 frames
- 304 stainless steel nameplates
- Inverter ready nameplate
- Division 2, Class I, Groups A, B, C, D markings on nameplate
- Division 2, Class II, Groups F & G, T4 on 5000 frames
- Insulated NDE bearing on 5000 frames

**Applications:**

- Chemical, oil & gas
- Pulp & paper, forest products
- Metals & foundries
- Cement, aggregate & above ground mining
- Food processing
- Power generation
- Water & wastewater treatment

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>230/460 volts &amp; 460 volts</b>											
1	3600	143T	<b>ECP3580T</b>	1,493	SDM	12.95	59	84	230/460	1.4	1
		143T	<b>ECP3580T-4</b>	1,493	SDM	12.95	59	84	460	1.4	1
	1800	143T	<b>ECP3581T</b>	1,641	SDM	12.88	64	87.5	230/460	1.5	1, 30
		143T	<b>ECP3581T-4</b>	1,641	SDM	12.88	61	87.5	460	1.5	1
	1200	143T	<b>ENCP3581T-4</b>	1,709	SDM	11.36	56	87.5	460	1.5	1, 60
		145T	<b>ECP3582T</b>	1,812	SDM	12.88	68	82.5	230/460	1.7	1, 30
1 1/2	900	145T	<b>ECP3582T-4</b>	1,812	SDM	12.88	69	82.5	460	1.7	1
		182T	<b>ECP3687T-4</b>	2,545	SDM	15.93	103	78.5	460	2	1
	3600	143T	<b>ECP3583T</b>	1,698	SDM	12.95	67	85.5	230/460	2	1, 30
		143T	<b>ECP3583T-4</b>	1,698	SDM	12.95	67	85.5	460	2	1
	1800	145T	<b>ECP3584T</b>	1,671	SDM	12.88	69	88.5	230/460	2.1	1, 30
		145T	<b>ECP3584T-4</b>	1,671	SDM	12.88	72	88.5	460	2.1	1
2	1200	182T	<b>ECP3667T</b>	2,120	SDM	15.93	108	87.5	230/460	2.5	1, 30
		182T	<b>ECP3667T-4</b>	2,120	SDM	15.93	108	87.5	460	2.5	1
	900	184T	<b>ECP3668T-4</b>	3,167	SDM	15.93	110	80	460	3.2	1
		145T	<b>ECP3586T</b>	1,776	SDM	12.95	74	86.5	230/460	2.5	1, 30
	3600	145T	<b>ECP3586T-4</b>	1,776	SDM	12.95	74	86.5	460	2.5	1
		145T	<b>ECP3587T</b>	1,745	SDM	12.88	75	88.5	230/460	2.8	1, 30
3	1800	145T	<b>ECP3587T-4</b>	1,745	SDM	12.88	73	88.5	460	2.8	1
		184T	<b>ECP3664T</b>	2,147	SDM	15.93	122	88.5	230/460	3.2	1
	1200	184T	<b>ECP3664T-4</b>	2,147	SDM	15.93	120	88.5	460	3.2	1
		900	213T	<b>ECP3772T-4</b>	3,994	SDM	19.50	179	85.5	460	3.8
	3600	182T	<b>ECP3660T</b>	2,100	SDM	15.93	104	88.5	230/460	3.4	1, 30
		182T	<b>ECP3660T-4</b>	2,100	SDM	15.93	106	88.5	460	3.4	1
5	1800	182T	<b>ECP3661T</b>	2,207	SDM	15.93	110	89.5	230/460	4.1	1, 30
		182T	<b>ECP3661T-4</b>	2,207	SDM	15.93	112	89.5	460	4.1	1
	1200	213T	<b>ECP3764T</b>	3,098	SDM	19.50	185	90.2	230/460	4.5	1, 30
		213T	<b>ECP3764T-4</b>	3,098	SDM	19.50	209	89.5	460	4.5	1
	900	215T	<b>ECP3775T-4</b>	4,330	SDM	19.50	203	85.5	460	5.2	1
		184T	<b>ECP3663T</b>	2,584	SDM	15.93	114	90.2	230/460	5.7	1, 30
7 1/2	3600	184T	<b>ECP3663T-4</b>	2,584	SDM	15.93	111	89.5	460	5.7	1
		184T	<b>ECP3665T</b>	2,246	SDM	15.93	118	89.5	230/460	6.5	1, 30
	1800	184T	<b>ECP3665T-4</b>	2,246	SDM	15.93	119	89.5	460	6.6	1
		215T	<b>ECP3768T</b>	3,140	SDM	19.50	212	90.2	230/460	7.3	1, 30
	1200	215T	<b>ECP3768T-4</b>	3,140	SDM	19.50	227	90.2	460	7.3	1
		900	254T	<b>ECP2280T-4</b>	6,892	SDM	24.78	327	87.5	460	8.6
7 1/2	3600	213T	<b>ECP3769T</b>	3,372	SDM	19.50	169	91	230/460	8.6	1
		213T	<b>ECP3769T-4</b>	3,372	SDM	19.50	173	91.7	460	8.6	1
	1800	213T	<b>ECP3770T</b>	2,828	SDM	19.50	170	91.7	230/460	9.5	1
		213T	<b>ECP3770T-4</b>	2,828	SDM	19.50	170	91.7	460	9.5	1
	1200	254T	<b>ECP2276T</b>	4,492	SDM	24.78	335	91	230/460	10.7	1, 30
		254T	<b>ECP2276T-4</b>	4,492	SDM	24.78	337	91	460	10.7	1
900	256T	<b>ECP2401T-4</b>	7,881	SDM	24.78	347	86.5	460	12.1	1	

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

Information  
General purpose Single phase  
General purpose Three phase  
Severe duty  
Large Motors and Generators  
Washdown duty  
Explosion proof  
Pump  
HVAC  
Farm duty



**NEW!****XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 and 575 volts, foot mounted**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)	
<b>230/460 volts &amp; 460 volts (continued)</b>												
100	3600	405TS	<b>ECP4402T</b>	23,038	SDM	35.04	1283	94.1	230/460	110	1	
		405TS	<b>ECP4402T-4</b>	23,038	SDM	35.04	1272	94.1	460	110	1	
	1800	405T	<b>ECP4400T-4</b>	22,695	SDM	38.20	1296	95.4	460	112	1	
		405T	<b>ECP4400TR-4</b>	23,818	SDM	38.20	1326	95.4	460	112	1, 5	
		405TS	<b>ECP4400TS-4</b>	22,695	SDM	35.04	1304	95.4	460	112	1	
	1200	444T	<b>ECP4409T-4</b>	29,726	SDM	44.75	1871	95	460	119	1	
		444T	<b>ECP4409TR-4</b>	31,656	SDM	44.75	1871	95	460	119	1, 5	
	900	445T	<b>ECP4420T-4</b>	44,236	SDM	44.75	1905	93.6	460	125	1	
125	3600	444TS	<b>ECP4412T</b>	27,071	SDM	41.08	1957	95	230/460	138	1	
		444TS	<b>ECP4412T-4</b>	27,071	SDM	41.08	1901	95	460	137	1	
	1800	444T	<b>ECP4410T-4</b>	26,831	SDM	44.75	1950	95.4	460	144	1	
		444T	<b>ECP4410TR-4</b>	28,761	SDM	44.75	1950	95.4	460	144	1, 5	
	1200	445T	<b>ECP4411T-4</b>	33,582	SDM	44.75	2146	95	460	146	1	
		445T	<b>ECP4411TR-4</b>	35,512	SDM	44.75	2146	95	460	146	1, 5	
	900	447T	<b>ECP4421T-4</b>	48,448	SDM	48.24	2330	95	460	149	1	
	150	3600	445TS	<b>ECP4413T-4</b>	31,737	SDM	40.83	2017	95	460	164	1
445T			<b>ECP4406T-4</b>	31,432	SDM	44.75	2190	95.8	460	169	1	
1800		445T	<b>ECP4406TR-4</b>	33,362	SDM	44.75	2190	95.8	460	169	1, 5	
		447T	<b>ECP44156T-4</b>	37,862	SDM	48.24	2546	95.8	460	170	1	
1200		447T	<b>ECP44156TR-4</b>	39,791	SDM	48.24	2585	95.8	460	170	1, 5	
		449T	<b>ECP4422T-4</b>	55,666	SDM	53.24	3051	95	460	188	1	
200		3600	447TS	<b>ECP4416T-4</b>	37,579	SDM	44.48	2436	96.2	460	213	1
			447T	<b>ECP4407T-4</b>	37,812	SDM	48.24	2545	96.2	460	222	1
	1800	447T	<b>ECP4407TR-4</b>	39,739	SDM	48.24	2621	96.2	460	222	1, 5	
		447TS	<b>ECP4407TS-4</b>	37,812	SDM	44.48	2573	96.2	460	222	1	
	1200	449T	<b>ECP44206T-4</b>	49,596	SDM	53.24	3104	95.8	460	225	1	
		449T	<b>ECP44206TR-4</b>	51,523	SDM	53.24	3091	95.8	460	225	1, 5	
	900	449T	<b>ECP4423T-4</b>	70,655	SDM	53.24	3179	95	460	248	1	
	250	3600	449TS	<b>ECP4425T-4</b>	57,466	SDM	49.48	2633	95.8	460	269	1
449T			<b>ECP4408T-4</b>	47,983	SDM	53.24	2981	96.2	460	276	1	
1800		449T	<b>ECP4408TR-4</b>	49,910	SDM	53.24	2995	96.2	460	276	1, 5	
		449T	<b>ECP44256T-4</b>	69,188	SDM	53.24	3090	96.2	460	283	1	
1200		449T	<b>ECP44256TR-4</b>	71,115	SDM	53.24	3093	95.8	460	287	1, 5	
		5008L	<b>ECP502506-PP</b>	52,434	ISD	60.17	3682	95.8	460	296		
900		L449T	<b>ECP49258T-4</b>	85,552	SDM	60.13	3430	95	460	288	1, 99	
300		3600	449TS	<b>ECP44302T-4</b>	83,987	SDM	49.48	2789	96.2	460	318	1
	5008S		<b>ECP503002-PP</b>	51,123	ISD	60.17	3791	95.8	460	327		
	1800	449T	<b>ECP44304T-4</b>	66,134	SDM	53.24	3061	96.2	460	334	1	
		449T	<b>ECP44304TR-4</b>	68,063	SDM	53.24	3048	96.2	460	334	1, 5	
	1200	5008S	<b>ECP503004-PP</b>	48,412	ISD	60.17	3902	96.2	460	330		
		L449T	<b>ECP49306T-4</b>	100,809	SDM	60.13	3125	95.8	460	340	1, 99	
	900	5010L	<b>ECP503006-PP</b>	61,525	ISD	67.05	4277	95.8	460	356		
		L449T	<b>ECP49308T-4</b>	91,261	SDM	60.13	4089	95	460	378	14, 99	
350	3600	5010L	<b>ECP503008-PP</b>	72,641	ISD	67.05	4564	95	460	369		
		449TS	<b>ECP44352T-4</b>	87,854	SDM	49.48	2965	95.8	460	370	1	
	1800	5008S	<b>ECP503502-PP</b>	56,605	ISD	60.17	4012	95.8	460	380		
		L449T	<b>ECP49354T-4</b>	102,998	SDM	60.21	3543	96.2	460	384	1, 99	
	1200	5008L	<b>ECP503504-PP</b>	53,604	ISD	60.17	3902	96.2	460	397		
		5010L	<b>ECP503506-PP</b>	66,656	ISD	67.05	4607	95.8	460	416		
	900	5012L	<b>ECP503508-PP</b>	80,076	ISD	74.00	5291	95.0	460	437		
	400	3600	L449TS	<b>ECP44402T-4</b>	117,940	SDM	56.72	3700	96.2	460	420	1
5010S			<b>ECP504002-PP</b>	62,199	ISD	67.05	4431	95.8	460	439		
1800		L449T	<b>ECP49404T-4</b>	106,057	SDM	60.34	3682	96.2	460	435	1, 99	
		5008L	<b>ECP504004-PP</b>	58,901	ISD	60.17	4299	96.2	460	462		
1200		5012L	<b>ECP504006-PP</b>	73,399	ISD	74.00	5005	95.8	460	476		
		900	5012L	<b>ECP504008-PP</b>	85,950	ISD	74.00	5667	95	460	480	
450		3600	5010S	<b>ECP504502-PP</b>	68,711	ISD	67.05	4431	95.8	460	490	
			L449T	<b>ECP49454T-4</b>	109,031	SDM	60.34	3720	96.2	460	460	1, 99
	1800	5010L	<b>ECP504504-PP</b>	65,068	ISD	67.05	4564	96.2	460	511		
		5012L	<b>ECP504506-PP</b>	77,821	ISD	74.00	5445	95.8	460	534		
	900	5012L	<b>ECP504508-PP</b>	89,115	ISD	74.00	5886	95	460	560		
	500	3600	5010S	<b>ECP505002-PP</b>	75,156	ISD	67.05	4431	95.8	460	542	
			5010L	<b>ECP505004-PP</b>	72,615	ISD	67.05	4564	96.2	460	561	
		1200	5012L	<b>ECP505006-PP</b>	80,796	ISD	74.00	5754	95.8	460	606	
900			5012L	<b>ECP505008-PP</b>	94,612	ISD	74.00	5886	95	460	610	

(a) See notes on inside back flap.   Cast iron frame   Red catalog number indicates **NEW** product.For more information visit [baldor.abb.com](http://baldor.abb.com)

Information

General purpose  
Single phaseGeneral purpose  
Three phase

Severe duty

Large Motors  
and Generators

Washdown duty

Explosion proof

Pump

HVAC

Farm duty

**NEW!****XEX severe duty, three phase, totally enclosed, 230/460 volts, 460 and 575 volts, foot mounted**

Information	Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>230/460 volts &amp; 460 volts (continued)</b>												
General purpose Single phase	600	3600	5010S	<b>ECP506002-PP</b>	80,316	ISD	67.05	4652	95.8	460	660	
		1800	5012L	<b>ECP506004-PP</b>	76,057	ISD	74.00	5225	96.2	460	676	
		1200	5012L	<b>ECP506006-PP</b>	85,320	ISD	74.00	5887	95.8	460	720	
	650	3600	5010S	<b>ECP506502-PP</b>	89,551	ISD	67.05	4785	95.8	460	696	
		1800	5012L	<b>ECP506504-PP</b>	82,445	ISD	74.00	5203	96.2	460	731	
		1200	5012L	<b>ECP506506-PP</b>	90,097	ISD	74.00	5887	95.8	460	769	
700	1800	5012L	<b>ECP507004-PP</b>	87,556	ISD	74.00	5688	96.2	460	765		
	1200	5012L	<b>ECP507006-PP</b>	95,053	ISD	74.00	5887	95.8	460	824		
General purpose Three phase	750	1800	5012L	<b>ECP507504-PP</b>	92,459	ISD	74.00	5688	96.2	460	831	
	800	1800	5012L	<b>ECP508004-PP</b>	96,342	ISD	74.00	5931	96.2	460	925	
	900	1800	5012L	<b>ECP509004-PP</b>	100,195	ISD	74.00	6283	96.2	460	1020	
<b>575 Volt</b>												
Severe duty	1	3600	143T	<b>ECP3580T-5</b>	1,493	SDM	12.88	61	84	575	1.1	1
		1800	143T	<b>ECP3581T-5</b>	1,641	SDM	12.88	65	87.5	575	1.2	1
	1 1/2	1800	145T	<b>ECP3584T-5</b>	1,671	SDM	12.88	71	88.5	575	1.7	1
	2	1800	145T	<b>ECP3587T-5</b>	1,745	SDM	12.88	75	86.5	575	2.3	1
		3600	182T	<b>ECP3660T-5</b>	2,100	SDM	15.93	107	88.5	575	2.7	1
		1800	182T	<b>ECP3661T-5</b>	2,207	SDM	15.93	113	89.5	575	3.3	1
	3	1200	213T	<b>ECP3764T-5</b>	3,098	SDM	19.50	211	90.2	575	3.6	1
		3600	184T	<b>ECP3663T-5</b>	2,584	SDM	15.93	111	89.5	575	4.6	1
		1800	184T	<b>ECP3665T-5</b>	2,246	SDM	15.93	118	89.5	575	5.3	1
	5	1200	215T	<b>ECP3768T-5</b>	3,140	SDM	19.50	196	90.2	575	5.8	1
		3600	213T	<b>ECP3769T-5</b>	3,372	SDM	19.50	169	91.7	575	6.9	1
		1800	213T	<b>ECP3770T-5</b>	2,828	SDM	19.50	170	91.7	575	7.5	1
7 1/2	1200	254T	<b>ECP2276T-5</b>	4,492	SDM	24.78	333	91.7	575	8.7	1	
	3600	215T	<b>ECP3771T-5</b>	3,590	SDM	19.50	182	92.4	575	8.9	1	
	1800	215T	<b>ECP3774T-5</b>	3,386	SDM	19.50	231	92.4	575	10	1	
Large Motors and Generators	10	1200	256T	<b>ECP2332T-5</b>	5,836	SDM	24.78	347	91	575	11.5	1
		3600	254T	<b>ECP2394T-5</b>	4,593	SDM	24.78	239	91.7	575	13.8	1
		1800	254T	<b>ECP2333T-5</b>	4,315	SDM	24.78	297	92.4	575	14.6	1
15	1200	284T	<b>ECP4100T-5</b>	6,691	SDM	27.93	446	93	575	15.9	1	
	3600	256T	<b>ECP4106T-5</b>	5,357	SDM	24.78	310	91.7	575	17.9	1	
	1800	256T	<b>ECP2334T-5</b>	4,627	SDM	24.78	325	93	575	19.2	1	
20	1200	286T	<b>ECP4102T-5</b>	9,091	SDM	27.93	478	93	575	20.6	1	
	1800	284T	<b>ECP4103T-5</b>	6,055	SDM	27.93	424	93.6	575	24	1	
	1200	324T	<b>ECP4111T-5</b>	9,500	SDM	30.28	612	93	575	25.7	1	
25	1800	286T	<b>ECP4104T-5</b>	7,189	SDM	27.93	467	93.6	575	29	1	
	1200	326T	<b>ECP4117T-5</b>	12,246	SDM	30.28	630	93	575	30	1	
	1800	324T	<b>ECP4110T-5</b>	9,406	SDM	30.28	623	94.1	575	37	1	
30	1200	364T	<b>ECP4308T-5</b>	15,262	SDM	33.49	910	94.1	575	40	1	
	1800	326T	<b>ECP4115T-5</b>	11,040	SDM	30.28	652	94.5	575	45	1	
	1800	364T	<b>ECP4314T-5</b>	15,761	SDM	33.49	936	95	575	54.4	1	
40	3600	365TS	<b>ECP4313T-5</b>	18,257	SDM	31.35	1005	93.6	575	66	1	
	1800	365T	<b>ECP4316T-5</b>	18,134	SDM	33.49	966	95.4	575	68.7	1	
	1200	405T	<b>ECP4404T-5</b>	27,026	SDM	38.19	1322	94.5	575	70	1	
100	1800	405T	<b>ECP4400T-5</b>	22,695	SDM	38.04	1305	95.4	575	89.6	1	
	1800	444T	<b>ECP4410T-5</b>	26,831	SDM	44.75	2054	95.4	575	115	1	
	1200	445T	<b>ECP4411T-5</b>	33,582	SDM	44.97	1913	95	575	116	1	
125	1800	445T	<b>ECP4406T-5</b>	31,432	SDM	44.75	2175	95.8	575	135	1	
	200	1800	447T	<b>ECP4407T-5</b>	37,812	SDM	48.24	2570	96.2	575	178	1
	250	1800	449T	<b>ECP4408T-5</b>	47,983	SDM	53.47	3027	96.2	575	219	1
200	300	1800	449T	<b>ECP44304T-5</b>	66,134	SDM	53.47	3150	96.2	575	267	1
	350	1800	L449T	<b>ECP49354T-5</b>	102,998	SDM	60.47	3680	96.2	575	309	1
	400	1800	L449T	<b>ECP49404T-5</b>	106,057	SDM	60.47	3702	96.2	575	356	1

(a) See notes on inside back flap.

■ Cast iron frame

Red catalog number indicates **NEW** product.**NEW!**For more information visit [baldor.abb.com](http://baldor.abb.com)



## Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

5 thru 600 Hp

IP55

IP66



### Features:

- High torque NEMA Design A, exceeds NEMA Design C torques
- 1.25 SF up to 100 Hp, 1.15 SF over 100 Hp
- Oversized ball bearings up to 50 Hp, ball and roller bearing designs 60 Hp and up. 586/7/8 frames include oversized roller bearing on DE.
- 586/7/8 frames include oversized, insulated ODE bearing and oversized 4.375" shaft.
- IP55 for frame sizes up to L449. IP66 for 586/7/8 frames.
- 304 stainless steel nameplates
- Inverter ready nameplate
- "TR" catalog numbers are standard roller bearing

### Applications:

- Cement
- Aggregate
- Above ground mining
- Bulk material handling
- Crushers, belt conveyors and screens

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>460 volts</b>											
5	1800	184T	<b>ECR9054T</b>	1,160	SDC	15.93	118	89.5	230/460	7.1	12
	1200	215T	<b>ECR9056T</b>	2,002	SDC	19.50	226	89.5	230/460	7.5	12
7 1/2	1800	213T	<b>ECR9074T</b>	1,635	SDC	19.50	231	91.7	230/460	9.3	12
	1200	254T	<b>ECR9076T</b>	3,100	SDC	24.78	320	91	230/460	10.3	12
10	1800	215T	<b>ECR9104T</b>	2,004	SDC	19.50	240	91.7	230/460	12.3	12
	1200	256T	<b>ECR9106T</b>	3,601	SDC	24.78	355	91	230/460	14	12
15	1800	254T	<b>ECR9154T</b>	2,774	SDC	24.78	286	92.4	230/460	18.6	12
	1200	284T	<b>ECR9156T</b>	4,942	SDC	27.93	500	91.7	230/460	19.4	12
20	1800	256T	<b>ECR9204T</b>	3,305	SDC	24.78	366	93	230/460	24	12
	1200	286T	<b>ECR9206T</b>	5,949	SDC	27.93	535	91.7	230/460	29	12
25	1800	284T	<b>ECR9254T</b>	4,119	SDC	27.93	380	93.6	230/460	31	12
	1200	324T	<b>ECR9256T</b>	7,113	SDC	30.66	630	93	230/460	34	12
30	1800	286T	<b>ECR9304T</b>	4,844	SDC	27.93	465	93.6	230/460	37	12
	1200	326T	<b>ECR9306T</b>	7,926	SDC	30.66	680	93	230/460	42	12
40	1800	324T	<b>ECR9404T</b>	6,274	SDC	30.66	645	94.1	230/460	49	12
	1200	364T	<b>ECR9406TR</b>	14,690	SDC	33.49	918	94.1	230/460	49	5,12
50	1800	326T	<b>ECR9504T</b>	7,657	SDC	30.66	700	94.5	230/460	61	12
	1200	365T	<b>ECR9506TR</b>	17,206	SDC	33.49	930	94.1	230/460	62	5,12
60	900	404T	<b>ECR9508TR</b>	16,221	SDC	38.20	1322	92.4	230/460	79.4	5,12
	1800	364T	<b>ECR9604T</b>	14,518	SDC	33.49	977	95	230/460	70	12
75	1800	364T	<b>ECR9604TR</b>	15,415	SDC	33.49	977	95	230/460	70	5,12
	1200	404T	<b>ECR9606TR</b>	15,776	SDC	38.04	1322	94.5	230/460	70.7	5,12
100	900	405T	<b>ECR9608TR</b>	18,343	SDC	38.20	1420	92.4	230/460	93.2	5,12
	1800	365T	<b>ECR9754T</b>	16,685	SDC	33.49	962	95.4	230/460	87.5	12
125	1800	365T	<b>ECR9754TR</b>	17,582	SDC	33.49	962	95.4	230/460	87.5	5,12
	1200	405T	<b>ECR9756TR-4</b>	18,106	SDC	38.20	1422	94.5	460	91	5,12
150	900	444T	<b>ECR9758TR-4</b>	22,459	SDC	44.87	1874	93.6	460	98.8	5,12
	1800	405T	<b>ECR91004T-4</b>	17,552	SDC	38.20	1390	95.4	460	115	12
200	1200	405T	<b>ECR91004TR-4</b>	17,552	SDC	38.20	1390	95.4	460	115	5,12
	900	444T	<b>ECR91006TR-4</b>	23,471	SDC	44.75	2029	95	460	119	5,12
250	900	445T	<b>ECR91008TR-4</b>	25,045	SDC	44.75	2129	93.6	460	133	5,12
	1800	444T	<b>ECR91254T-4</b>	22,166	SDC	44.75	1964	95.4	460	149	1
300	1800	444T	<b>ECR91254TR-4</b>	22,166	SDC	44.75	1964	95.4	460	149	1, 5
	1200	445T	<b>ECR91256TR-4</b>	26,974	SDC	44.75	1874	95.4	460	153	1, 5
350	900	447T	<b>ECR91258TR-4</b>	32,408	SDC	48.24	2380	94.1	460	171	1, 5
	1800	445T	<b>ECR91504T-4</b>	26,156	SDC	44.75	1996	95.8	460	168	1
400	1800	445T	<b>ECR91504TR-4</b>	26,156	SDC	44.75	1996	95.8	460	168	1, 5
	1200	447T	<b>ECR91506TR-4</b>	30,990	SDC	48.24	2459	95.8	460	180	1, 5
450	900	449T	<b>ECR91508TR-4</b>	37,228	SDC	53.47	2648	94.5	460	203	1, 5

(a) See notes on inside back flap.

Cast iron frame

## Crusher motors, three phase, TEFC, 460 volts and 575 volts, foot mounted

Hp	RPM	NEMA Frame	Catalog Number	List Price	Disc. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>460 volts (continued)</b>											
200	1800	447T	<b>ECR92004T-4</b>	31,679	SDC	48.24	2455	96.2	460	225	1
		447T	<b>ECR92004TR-4</b>	31,679	SDC	48.24	2455	96.2	460	225	1, 5
	1200	449T	<b>ECR92006TR-4</b>	37,738	SDC	53.24	3125	95.8	460	277	1, 5
		900	L449T	<b>ECR92008TR-4</b>	46,839	SDC	60.22	3430	94.5	460	277
250	1800	449T	<b>ECR92504T-4</b>	32,131	SDC	53.24	2694	96.2	460	278	
		449T	<b>ECR92504TR-4</b>	32,131	SDC	53.24	2694	96.2	460	278	
	1200	449T	<b>ECR92506TR-4</b>	43,220	SDC	53.24	3225	95.8	460	283	
		586/7TZ	<b>ECR582506-PPN</b>	43,998	ICR	65.72	4806	95.8	460	295	1, 5
	900	L449T	<b>ECR92508TR-4</b>	59,124	SDC	60.22	3390	95	460	359	
586/7T		<b>ECR582508-PP</b>	56,184	ICR	65.72	4806	95	460	312	1, 5	
300	1800	449T	<b>ECR93004T-4</b>	45,024	SDC	53.24	2888	96.2	460	336	
		449T	<b>ECR93004TR-4</b>	45,024	SDC	53.24	2888	96.2	460	336	
	1200	586/7TZ	<b>ECR583004-PPN</b>	40,623	ICR	65.72	4718	96.2	460	343	1, 5
		L449T	<b>ECR93006TR-4</b>	56,473	SDC	61.59	3683	95.8	460	381	
	900	586/7TZ	<b>ECR583006-PPN</b>	51,626	ICR	65.72	4806	95.8	460	352	1, 5
		586/7T	<b>ECR583008-PP</b>	60,954	ICR	65.72	4806	95	460	379	1, 5
350	1800	449T	<b>ECR93504T-4</b>	49,861	SDC	61.59	3027	96.2	460	390	
		449T	<b>ECR93504TR-4</b>	49,861	SDC	61.59	3027	96.2	460	390	
	1200	586/7TZ	<b>ECR583504-PPN</b>	44,980	ICR	65.72	4718	96.2	460	396	1, 5
		L449T	<b>ECR93506TR-4</b>	62,747	SDC	61.59	3683	95.8	460	433	
	900	586/7TZ	<b>ECR583506-PPN</b>	55,931	ICR	65.72	4806	95.8	460	407	1, 5
		586/7T	<b>ECR583508-PP</b>	67,192	ICR	65.72	4806	95.2	460	436	1, 5
400	1800	L449T	<b>ECR94004T-4</b>	57,979	SDC	53.24	3875	96.2	460	442	
		L449T	<b>ECR94004TR-4</b>	57,979	SDC	60.22	3875	96.2	460	442	
	1200	586/7TZ	<b>ECR584004-PPN</b>	49,424	ICR	65.72	4718	96.2	460	452	1, 5
		586/7TZ	<b>ECR584006-PPN</b>	61,589	ICR	65.72	4806	95	460	465	1, 5
	900	586/7TZ	<b>ECR584504-PPN</b>	56,368	ICR	65.72	4718	96.2	460	519	1, 5
587/8T		<b>ECR584508-PP</b>	77,200	ICR	75.56	5760	95	460	559	1, 5	
500	1800	586/7TZ	<b>ECR585004-PPN</b>	57,707	ICR	65.72	4718	96.2	460	576	1, 5
		586/7TZ	<b>ECR585006-PPN</b>	69,994	ICR	65.72	4806	95.8	460	603	1, 5
600	1800	586/7TZ	<b>ECR586004-PPN</b>	65,888	ICR	65.72	4718	96.2	460	679	1, 5
<b>575 volts</b>											
250	1200	586/7TZ	<b>ECR582506-5PPN</b>	43,998	ICR	65.72	4806	96.2	575	237	1, 5
300	1800	586/7TZ	<b>ECR583004-5PPN</b>	40,623	ICR	65.72	4718	96.2	575	270	1, 5
		586/7TZ	<b>ECR583006-5PPN</b>	51,626	ICR	65.72	4806	95.8	575	279	1, 5
350	1800	586/7TZ	<b>ECR583504-5PPN</b>	44,980	ICR	65.72	4718	96.2	575	309	1, 5
		586/7TZ	<b>ECR583506-5PPN</b>	55,931	ICR	65.72	4806	95.8	575	323	1, 5
400	1800	586/7TZ	<b>ECR584004-5PPN</b>	49,424	ICR	65.72	4718	96.2	575	362	1, 5
		586/7TZ	<b>ECR584006-5PPN</b>	61,589	ICR	65.72	4806	95	575	368	1, 5
450	1800	586/7TZ	<b>ECR584504-5PPN</b>	56,368	ICR	65.72	4718	96.2	575	397	1, 5
		586/7TZ	<b>ECR584506-5PPN</b>	67,416	ICR	65.72	4806	95	575	416	1, 5
500	1800	586/7TZ	<b>ECR585004-5PPN</b>	57,707	ICR	65.72	4718	96.2	575	455	1, 5
		586/7TZ	<b>ECR585006-5PPN</b>	69,994	ICR	65.72	4806	95.8	575	471	1, 5
600	1800	586/7TZ	<b>ECR586004-5PPN</b>	65,888	ICR	65.72	4718	96.2	575	541	1, 5

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates NEW product