

RPM AC, Vector Duty, three phase, totally enclosed

5 thru 150 Hp



Features:

- Power dense square laminated frame
- 1000:1 constant torque
- Class H, 40C, 1.0 SF
- 3 thermostats, one per phase
- Speed feedback device included (b)
- For use on inverter only
- Induction and salient pole-IPM rotors
- Shaft Grounding Brush
- ABB Ability Smart Sensor Mounting Provisions
- QR Code provides motor data for inverter configuration

Applications:

- Extruders, conveyors, crane and hoist, winders
- Web processing, process control, test stands
- Centrifugal pumps and fans

Hp	Base Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
5	1800	FL1838C	TENV	ZDNRPM18054C	10,006	RP4	Induction	17.87	143	230/460	7.2	90
7 1/2	1800	FL1852C	TENV	ZDNRPM18074C	10,931	RP4	Induction	21.87	194	230/460	11	91
		FL1844C	TEFC	ZDFRPM18104C	11,611	RP3	Induction	23.26	179	230/460	13.9	91
10	1800	FL1831C	TEBC	ZDPM18010C-BV	16,760	RP2	IPM	22.08	132	230/460	10.6	91
		FL2162C	TENV	ZDNRPM21104C	11,125	RP4	Induction	22.73	280	230/460	13.6	91
15	1800	FL1844C	TEBC	ZDBRPM18154C	11,449	RP2	Induction	25.33	180	460	21	92
		FL1838C	TEBC	ZDPM18015C-BV	16,868	RP2	IPM	22.71	158	460	16	92
20	1800	FL1852C	TEBC	ZDBRPM18204C	12,225	RP2	Induction	27.96	209	460	27	92
		FL1844C	TEBC	ZDPM18020C-BV	17,622	RP2	IPM	25.96	180	460	21.7	92
25	1800	FL2162C	TEFC	ZDFRPM21204C	12,291	RP3	Induction	28.55	290	460	27	92
		FL2173C	TEFC	ZDFRPM21254C	12,995	RP3	Induction	31.31	355	460	34	92
30	1800	FL1852C	TEBC	ZDPM18025C-BV	18,959	RP2	IPM	27.96	209	460	26.6	92
		FL2162C	TEBC	ZDBRPM21304C	12,366	RP2	Induction	28.55	290	460	40	92
40	1800	FL1852C	TEBC	ZDPM18030C-BV	18,959	RP2	IPM	27.96	209	460	32.3	92
		FL2570C	TEFC	ZDFRPM25304C	13,642	RP3	Induction	29.54	475	460	39	92
50	1800	FL2173	TEBC	ZDBRPM21404	13,010	RP2	Induction	31.31	355	460	51	93
		FL2162	TEBC	ZDPM21040-BV	17,742	RP2	IPM	28.55	290	460	43.2	93
60	1800	FL2586	TEFC	ZDFRPM25404	14,087	RP3	Induction	35.85	605	460	51	93
		FL2570	TEBC	ZDBRPM25504	14,140	RP2	Induction	31.85	475	460	65	93
75	1800	FL2168	TEBC	ZDPM21050-BV	18,141	RP2	IPM	30.06	325	460	53.4	93
		FL2578	TEBC	ZDBRPM25604	19,352	RP2	Induction	33.85	540	460	75	93
100	1800	FL2173	TEBC	ZDPM21060-BV	19,239	RP2	IPM	31.31	355	460	65.7	93
		FL2586	TEBC	ZDBRPM25754	22,493	RP2	Induction	35.85	605	460	95	93
125	1800	FL2578	TEBC	ZDPM25075-BV	27,348	RP2	IPM	33.85	540	460	81.8	93
		FL2890	TEBC	ZDBRPM281004R1	25,036	RP2	Induction	41.27	805	460	124	93
150	1800	FL2586	TEBC	ZDPM25100-BV	28,294	RP2	IPM	35.85	605	460	110.6	93
		FL2898	TEBC	ZDBRPM281254	26,308	RP2	Induction	43.27	890	460	156	93
		FL2882	TEBC	ZDPM28125-BV	29,817	RP2	IPM	39.27	730	460	137	93
		FL2890	TEBC	ZDPM28150-BV	31,051	RP2	IPM	41.27	805	460	168	93

(a) See notes on inside back flap.

(b) Induction motor feedback BEI HS35 1024PPR encoder, IPM motor feedback Dynapar HS25 resolver.

All TEBC have integral blower rated 230/460 volts 3 phase.

Continuous constant torque to zero speed

Definite purpose

Unit Handling

Brake

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Motor Mod