

RPM AC, Inverter Duty, three phase

5 thru 1750 Hp



Features:

- Power dense square laminated frame
- 1000:1 constant torque
- Class H, 40C, 1.0 SF
- 3 thermostats, one per phase
- For use on inverter only
- Induction and caged-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
- Web processing, process control, test stands
- Winders
- Centrifugal pumps and fans

Hp	Base Speed RPM	NEMA Frame	Enclosure	Catalog Number (b)	List Price	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
5	1800	FL1838C	TENV	IDNRPM18054C	6,178	RP4	Induction	18.37	143	230/460	7.2	90
7 1/2	1800	FL1852C	TENV	IDNRPM18074C	7,102	RP4	Induction	21.87	194	230/460	11	91
		FL1844C	TEFC	IDFRPM18104C	7,783	RP3	Induction	23.26	179	230/460	13.9	91
10	1800	FL1838	TEFC	IDCRPM18104	9,849	RP3	Caged-IPM	21.76	158	460	10	106
		FL2162C	TENV	IDNRPM21104C	7,645	RP4	Induction	23.11	280	230/460	13.6	91
15	1800	FL1844C	TEBC	IDBRPM18154C	8,449	RP2	Induction	25.33	180	460	21	92
		FL1844C	TEFC	IDCRPM18154	12,141	RP3	Caged-IPM	23.26	180	460	15	106
		FL2162C	TEFC	IDFRPM21154C	8,811	RP3	Induction	26.49	290	460	20	92
20	1800	FL1852C	TEBC	IDBRPM18204C	9,224	RP2	Induction	27.33	209	460	27	92
		FL1848	TEFC	IDCRPM18204	12,608	RP3	Caged-IPM	24.26	194	460	20	106
		FL2162C	TEFC	IDFRPM21204C	8,811	RP3	Induction	26.49	290	460	27	92
25	1800	FL2162C	TEBC	IDBRPM21254C	9,638	RP2	Induction	28.55	290	460	34	92
		FL1844C	DPG-FV	IDDRPM18254C	9,664	RP1	Induction	19.87	200	460	33	92
		FL2158	TEFC	IDCRPM21254	13,072	RP3	Caged-IPM	25.49	270	460	25	106
30	1800	FL2173C	TEFC	IDFRPM21254C	9,516	RP3	Induction	29.50	355	460	34	92
		FL2162C	TEBC	IDBRPM21304C	9,638	RP2	Induction	28.55	290	460	40	92
		FL1852C	DPG-FV	IDDRPM18304C	10,023	RP1	Induction	21.87	230	460	39	92
40	1800	FL2162C	TEFC	IDCRPM21304	13,732	RP3	Caged-IPM	26.49	290	460	30	106
		FL2570C	TEFC	IDFRPM25304C	10,016	RP3	Induction	29.79	475	460	39	92
		FL2173	TEBC	IDBRPM21404	10,914	RP2	Induction	31.31	355	460	51	93
50	1800	RL2162	DPG-FV	IDDRPM21404	10,282	RP1	Induction	23.12	305	460	52	93
		FL2562	TEFC	IDCRPM25404	14,892	RP3	Caged-IPM	27.79	410	460	40	106
		FL2586	TEFC	IDFRPM25404	10,895	RP3	Induction	33.79	605	460	51	93
60	1800	FL2570	TEBC	IDBRPM25504	11,412	RP2	Induction	31.85	475	460	65	93
		RL2168	DPG-FV	IDDRPM21504	13,572	RP1	Induction	24.62	345	460	62	93
		FL2570	TEFC	IDCRPM25504	20,143	RP3	Caged-IPM	29.79	475	460	50	106
75	1200	FL2882	TEFC	IDFRPM28504	18,608	RP3	Induction	34.59	720	460	64	93
		RL2570	DPG-FV	IDDRPM25506	15,740	RP1	Induction	26.38	480	460	64	93
		FL2578	TEBC	IDBRPM25604	16,624	RP2	Induction	33.85	540	460	75	93
60	1800	FL2873	TEFC	IDCRPM28604	22,795	RP3	Caged-IPM	32.34	635	460	60	106
		RL2168	DPG-FV	IDDRPM21604	13,108	RP1	Induction	24.62	345	460	74	93
		FL2890	TEFC	IDFRPM28604	18,608	RP3	Induction	36.59	795	460	76	93
75	1200	RL2578	DPG-FV	IDDRPM25606	19,085	RP1	Induction	28.38	545	460	73	93
		FL2586	TEBC	IDBRPM25754	19,765	RP2	Induction	35.85	605	460	95	93
		RL2570	DPG-FV	IDDRPM25754	15,740	RP1	Induction	26.38	480	460	95	93
75	1800	FL2882	TEFC	IDCRPM28754	26,339	RP3	Caged-IPM	34.59	720	460	75	106
		FL2898	TEFC	IDFRPM28754	22,231	RP3	Induction	38.59	880	460	94	93
		RL2586	DPG-FV	IDDRPM25756	25,291	RP1	Induction	30.38	615	460	91	93

(a) See notes on inside back flap.

(b) The "R1" suffix indicates the latest revision FL or RL from the previous L frame design

All TEBC and DPG-FV have integral blower rated 230/460 volts 3 phase. All TENV, TEFC and TEBC have top mounted conduit box. All DPG-FV are F1.

Encoder mounting provisions - include machined ODE bracket and shaft tapped for stub shaft.

For closed loop control see encoder feedback kits for use with ID-RPM AC motors.

For RPM AC Mod Express®, contact your local sales office.