

## RPM AC, Inverter Duty®, three phase

5 thru 1000 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

### 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)	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)	
5	1800	FL1838C	TENV	<b>IDNRPM18054C</b>	RP4	Induction	18.37	143	230/460	7.2	90	
7 1/2	1800	FL1852C	TENV	<b>IDNRPM18074C</b>	RP4	Induction	21.87	194	230/460	11	91	
		FL1844C	TEFC	<b>IDFRPM18104C</b>	RP3	Induction	23.26	179	230/460	13.9	91	
10	1800	FL1838	TEFC	<b>IDCRPM18104</b>	RP3	Caged-IPM	21.76	158	460	10	106	
		FL2162C	TENV	<b>IDNRPM21104C</b>	RP4	Induction	23.11	280	230/460	13.6	91	
		FL1844C	TEBC	<b>IDBRPM18154C</b>	RP2	Induction	25.33	180	460	21	92	
15	1800	FL1844C	TEFC	<b>IDCRPM18154</b>	RP3	Caged-IPM	23.26	180	460	15	106	
		FL2162C	TEFC	<b>IDFRPM21154C</b>	RP3	Induction	26.49	290	460	20	92	
		FL1852C	TEBC	<b>IDBRPM18204C</b>	RP2	Induction	27.33	209	460	27	92	
20	1800	FL1848	TEFC	<b>IDCRPM18204</b>	RP3	Caged-IPM	24.26	194	460	20	106	
		FL2162C	TEFC	<b>IDFRPM21204C</b>	RP3	Induction	26.49	290	460	27	92	
		FL2162C	TEBC	<b>IDBRPM21254C</b>	RP2	Induction	28.55	290	460	34	92	
25	1800	FL1844C	DPG-FV	<b>IDDRPM18254C</b>	RP1	Induction	19.87	200	460	33	92	
		FL2158	TEFC	<b>IDCRPM21254</b>	RP3	Caged-IPM	25.49	270	460	25	106	
		FL2173C	TEFC	<b>IDFRPM21254C</b>	RP3	Induction	29.50	355	460	34	92	
		FL2162C	TEBC	<b>IDBRPM21304C</b>	RP2	Induction	28.55	290	460	40	92	
30	1800	FL1852C	DPG-FV	<b>IDDRPM18304C</b>	RP1	Induction	21.87	230	460	39	92	
		FL2162C	TEFC	<b>IDCRPM21304</b>	RP3	Caged-IPM	26.49	290	460	30	106	
		FL2570C	TEFC	<b>IDFRPM25304C</b>	RP3	Induction	29.79	475	460	39	92	
		FL2173	TEBC	<b>IDBRPM21404</b>	RP2	Induction	31.31	355	460	51	93	
40	1800	RL2162	DPG-FV	<b>IDDRPM21404</b>	RP1	Induction	23.12	305	460	52	93	
		FL2562	TEFC	<b>IDCRPM25404</b>	RP3	Caged-IPM	27.79	410	460	40	106	
		FL2586	TEFC	<b>IDFRPM25404</b>	RP3	Induction	33.79	605	460	51	93	
		FL2570	TEBC	<b>IDBRPM25504</b>	RP2	Induction	31.85	475	460	65	93	
50	1800	RL2168	DPG-FV	<b>IDDRPM21504</b>	RP1	Induction	24.62	345	460	62	93	
		FL2570	TEFC	<b>IDCRPM25504</b>	RP3	Caged-IPM	29.79	475	460	50	106	
		FL2882	TEFC	<b>IDFRPM28504</b>	RP3	Induction	34.59	720	460	64	93	
		1200	RL2570	DPG-FV	<b>IDDRPM25506</b>	RP1	Induction	26.38	480	460	64	93
60	1800	FL2578	TEBC	<b>IDBRPM25604</b>	RP2	Induction	33.85	540	460	75	93	
		FL2873	TEFC	<b>IDCRPM28604</b>	RP3	Caged-IPM	32.34	635	460	60	106	
		RL2168	DPG-FV	<b>IDDRPM21604</b>	RP1	Induction	24.62	345	460	74	93	
		FL2890	TEFC	<b>IDFRPM28604</b>	RP3	Induction	36.59	795	460	76	93	
75	1200	RL2578	DPG-FV	<b>IDDRPM25606</b>	RP1	Induction	28.38	545	460	73	93	
		FL2586	TEBC	<b>IDBRPM25754</b>	RP2	Induction	35.85	605	460	95	93	
		RL2570	DPG-FV	<b>IDDRPM25754</b>	RP1	Induction	26.38	480	460	95	93	
		FL2882	TEFC	<b>IDCRPM28754</b>	RP3	Caged-IPM	34.59	720	460	75	106	
100	1800	FL2898	TEFC	<b>IDFRPM28754</b>	RP3	Induction	38.59	880	460	94	93	
		1200	RL2586	DPG-FV	<b>IDDRPM25756</b>	RP1	Induction	30.38	615	460	91	93
		FL2890	TEBC	<b>IDBRPM281004R1</b>	RP2	Induction	41.11	805	460	124	93	
		FL2890	TEFC	<b>IDCRPM281004</b>	RP3	Caged-IPM	38.59	880	460	100	106	
100	1800	RL2578	DPG-FV	<b>IDDRPM251004</b>	RP1	Induction	28.38	545	460	119	93	
		1200	RL2882	DPG-FV	<b>IDDRPM281006</b>	RP1	Induction	31.14	770	460	124	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

**Red** catalog number indicates **NEW** product.

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.

**RPM AC, Inverter Duty®, three phase**

Hp	Base Speed RPM	NEMA Frame	Enclosure	Catalog Number (b)	Disc. Sym.	Rotor Type	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
125	1800	FL2898	TEBC	<b>IDBRPM281254</b>	RP2	Induction	43.11	890	460	156	93
		FL2898	TEFC	<b>IDCRPM281254</b>	RP3	Caged-IPM	38.59	880	460	125	106
		RL2586	DPG-FV	<b>IDDRPM251254</b>	RP1	Induction	30.38	615	460	148	93
150	1200	RL2898	DPG-FV	<b>IDDRPM281256</b>	RP1	Induction	35.14	930	460	150.9	93
		FL3203	TEBC	<b>IDBRPM321504R1</b>	RP2	Induction	55.13	1310	460	177	93
		RL2882	DPG-FV	<b>IDDRPM281504</b>	RP1	Induction	31.14	770	460	180	93
200	1800	FL3203	DPG-FV	<b>IDDRPM321506R1</b>	RP1	Induction	39.88	1185	460	180	93
		FL3698	TEBC	<b>IDBRPM362004R1</b>	RP2	Induction	56.30	1950	460	227	93
		RL2898	DPG-FV	<b>IDDRPM282004</b>	RP1	Induction	35.14	930	460	237	93
250	1200	RL3213	DPG-FV	<b>IDDRPM322006R1</b>	RP1	Induction	42.38	1325	460	236	93
		FL3614	TEBC	<b>IDBRPM362504R1</b>	RP2	Induction	43.47	2000	460	283	93
		RL3203	DPG-FV	<b>IDDRPM322504R1</b>	RP1	Induction	39.88	1185	460	295	93
300	1800	RL3698	DPG-FV	<b>IDDRPM362506R1</b>	RP1	Induction	39.47	1680	460	289	93
		FL4034	TEBC	<b>IDBRPM403004R1</b>	RP2	Induction	65.46	2620	460	336	93
		RL3213	DPG-FV	<b>IDDRPM323004R1</b>	RP1	Induction	42.38	1325	460	350	93
350	1200	RL3614	DPG-FV	<b>IDDRPM363006R1</b>	RP1	Induction	43.47	2000	460	360	93
		FL3698	DPG-FV	<b>IDDRPM363504R1</b>	RP1	Induction	39.47	1680	460	401	93
		RL3614	DPG-FV	<b>IDDRPM364004R1</b>	RP1	Induction	43.47	2000	460	477	93
400	1800	FL4440	TEBC	<b>IDBRPM444004</b>	RP2	Induction	78.57	3940	460	479	93
		RL4034	DPG-FV	<b>IDDRPM404006R1</b>	RP1	Induction	48.62	2530	460	451	93
		FL4451	TEBC	<b>IDBRPM445004</b>	RP2	Induction	78.57	4260	460	591	93
500	1200	RL4022	DPG-FV	<b>IDDRPM405004R1</b>	RP1	Induction	45.62	2260	460	557	93
		RL4461	DPG-FV	<b>IDDRPM445006R1</b>	RP1	Induction	63.61	3505	460	669	93
		FL4046	DPG-FV	<b>IDDRPM406004R1</b>	RP1	Induction	48.62	2530	460	666	93
600	1800	RL4058	DPG-FV	<b>IDDRPM407004R1</b>	RP1	Induction	54.62	3080	460	875	94
700	1800	RL4058	DPG-FV	<b>IDDRPM407004R1</b>	RP1	Induction	54.62	3080	460	875	94
1000	1800	RL4461	DPG-FV	<b>IDDRPM4410004R1</b>	RP1	Induction	63.61	3505	460	1202	94

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Definite purpose

Unit Handling

Brake

IEC Frame

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders