

RPM AC,
Inverter Duty,
Three Phase

5 thru 1000 Hp

FL1838 thru L4461

Applications: Extruders, conveyors, crane & hoist systems, converting, pumps, web processing, test stands, traction duty, winders, printing.

Features: Compact square laminated steel frame FL210-L440 (FL180 is extruded aluminum) for inverter duty and vector duty 1000:1 constant torque. Premium class H insulation, 40 C ambient, 1.0 S.F., Ball bearing. Three normally closed thermostats (one per phase). Surpasses the requirements of MG1, Part 31. VPI insulation & insulated O.D.E. bearing is standard on all L440 frames. Exclusive optimum pole Inverter Duty - not for across the line operation.

Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
5	1800	3500	FL1838C	TENV	IDNRPM18054C	3,666	E2	18.37	143	230/460	7.2	90
7 1/2	1800	3500	FL1852C	TENV	IDNRPM18074C	4,215	E2	21.87	194	230/460	11	91
10	1800	3500	FL1844C	TEFC	IDFRPM18104C	4,376	E2	23.26	179	230/460	13.9	91
			FL2162C	TENV	IDNRPM21104C	4,990	E2	23.11	280	230/460	13.6	91
15	1800	3500	FL1844C	TEBC	IDBRPM18154C	4,522	E2	25.33	180	460	21	92
			FL2162C	TEFC	IDFRPM21154C	5,450	E2	26.49	290	460	20	92
20	1800	3500	FL1852C	TEBC	IDBRPM18204C	4,983	E2	27.33	209	460	27	92
			FL2162C	TEFC	IDFRPM21204C	5,450	E2	26.49	290	460	27	92
25	1800	3500	FL2162C	TEBC	IDBRPM21254C	5,800	E2	28.55	290	460	34	92
		3150	FL1844C	DPG-FV	IDDRPM18254C	5,244	E2	19.87	200	460	33	92
		3500	FL2173C	TEFC	IDFRPM21254C	5,886	E2	29.50	355	460	34	92
30	1800	3500	FL2162C	TEBC	IDBRPM21304C	5,800	E2	28.55	290	460	40	92
		3475	FL1852C	DPG-FV	IDDRPM18304C	5,456	E2	21.87	230	460	39	92
		3500	FL2570C	TEFC	IDFRPM25304C	6,195	E2	29.79	475	460	39	92
40	1800	3500	FL2173	TEBC	IDBRPM21404	6,409	E2	31.31	355	460	51	93
		2000	RL2162	DPG-FV	IDDRPM21404	6,356	E2	23.12	305	460	52	93
		3550	FL2586	TEFC	IDFRPM25404	6,739	E2	33.79	605	460	51	93
50	1800	3500	FL2570	TEBC	IDBRPM25504	7,147	E2	31.85	475	460	65	93
		2400	RL2168	DPG-FV	IDDRPM21504	8,556	E2	24.62	345	460	62	93
		3550	FL2882	TEFC	IDFRPM28504	11,510	E2	34.59	720	460	64	93
60	1800	1300	RL2570	DPG-FV	IDDRPM25506	10,275	E2	26.38	480	460	64	93
		3500	FL2578	TEBC	IDBRPM25604	10,549	E2	33.85	540	460	75	93
		2200	RL2168	DPG-FV	IDDRPM21604	8,556	E2	24.62	345	460	74	93
75	1800	3550	FL2890	TEFC	IDFRPM28604	11,510	E2	36.59	795	460	76	93
		1300	RL2578	DPG-FV	IDDRPM25606	12,458	E2	28.38	545	460	73	93
		3500	FL2586	TEBC	IDBRPM25754	12,599	E2	35.85	605	460	95	93
100	1800	2000	RL2570	DPG-FV	IDDRPM25754	10,275	E2	26.38	480	460	95	93
		3550	FL2898	TEFC	IDFRPM28754	13,751	E2	38.59	880	460	94	93
		1300	RL2586	DPG-FV	IDDRPM25756	16,509	E2	30.38	615	460	91	93
125	1800	3550	FL2890	TEBC	IDBRPM281004R1	14,259	E2	41.11	805	460	124	93
		2000	RL2578	DPG-FV	IDDRPM251006	12,458	E2	28.38	545	460	119	93
		1445	RL2882	DPG-FV	IDDRPM281006	18,432	E2	31.14	770	460	124	93
150	1800	3550	FL2898	TEBC	IDBRPM281254	15,089	E2	43.11	890	460	156	93
		3500	L3203	TEBC	IDBRPM321254	21,135	E2	44.25	1170	460	150	93
		2330	RL2586	DPG-FV	IDDRPM251254	16,509	E2	30.38	615	460	148	93
200	1800	1970	RL2898	DPG-FV	IDDRPM281256	24,030	E2	35.14	930	460	150.9	93
		3500	L3213	TEBC	IDBRPM321504	28,276	E2	55.13	1310	460	177	93
		2000	RL2882	DPG-FV	IDDRPM281504	18,432	E2	31.14	770	460	180	93
200	1800	1600	L3203	DPG-FV	IDDRPM321506	28,276	E2	39.88	1185	460	180	93
		3500	FL3698	TEBC	IDBRPM362004R1	29,277	E2	56.30	1950	460	227	93
		3500	L3614	TEBC	IDBRPM362004	31,281	E2	52.87	1700	460	229	93
200	1800	2700	L4022	TEBC	IDBRPM402004	33,751	E2	54.12	1750	460	234	93
		2700	RL2898	DPG-FV	IDDRPM282004	24,030	E2	35.14	930	460	237	93
	1200	2000	L3213	DPG-FV	IDDRPM322006	32,927	E2	42.38	1325	460	236	93

(a) See notes on inside back flap.

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 ON PAGE 198 FOR USE WITH ID-RPM AC MOTORS. FOR RPM AC MOD EXPRESS, CONTACT YOUR BALDOR•RELIANCE DISTRICT OFFICE.

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Hp	Base Speed RPM	C.H. Speed RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes ^(a)	
250	1800	3500	FL3614	TEBC	IDBRPM362504R1	31,279	E2	43.47	2000	460	283	93	
			L4034	TEBC	IDBRPM402504	39,164	E2	57.12	2150	460	290	93	
			L3203	DPG-FV	IDDRPM322504	28,276	E2	39.88	1185	460	295	93	
	1200	2000	RL3698	DPG-FV	IDDRPM362504R1	35,848	E2	39.47	1680	460	289	93	
			L3614	DPG-FV	IDDRPM362504	41,696	E2	45.00	1715	460	290	93	
300	1800	3500	FL4034	TEBC	IDBRPM403004R1	39,163	E2	65.46	2620	460	336	93	
			L4046	TEBC	IDBRPM403004	48,044	E2	60.12	2450	460	346	93	
		3000	L3213	DPG-FV	IDDRPM323004	32,927	E2	42.38	1325	460	350	93	
	1200	2000	RL3614	DPG-FV	IDDRPM363006R1	41,695	E2	43.47	2000	460	360	93	
			L4034	DPG-FV	IDDRPM403006	55,045	E2	52.00	2000	460	355	93	
350	1800	2200	RL3698	DPG-FV	IDDRPM363504R1	35,848	E2	39.47	1680	460	401	93	
			L3614	DPG-FV	IDDRPM363504	41,696	E2	45.00	1715	460	413	93	
400	1800	2700	RL3614	DPG-FV	IDDRPM364004R1	41,696	E2	43.47	2000	460	477	93	
			L3614	DPG-FV	IDDRPM364004	41,696	E2	45.00	1715	460	459	93	
			2500	FL4440	TEBC	IDBRPM444004	64,562	E2	78.57	3940	460	479	93
		1200	2000	RL4034	DPG-FV	IDDRPM404006R1	55,042	E2	48.62	2530	460	451	93
	L4046			DPG-FV	IDDRPM404006	67,104	E2	55.00	2000	460	465	93	
	500	1800	2500	FL4451	TEBC	IDBRPM445004	74,643	E2	78.57	4260	460	591	93
2400				RL4022	DPG-FV	IDDRPM405004R1	48,367	E2	45.62	2260	460	557	93
				L4034	DPG-FV	IDDRPM405004	55,045	E2	52.00	2050	460	557	94
1200		2380	RL4461	DPG-FV	IDDRPM445006R1	104,952	E2	63.61	3505	460	669	93	
			L4461	DPG-FV	IDDRPM445006	104,952	E2	63.63	3889	460	669	95	
600	1800	3000	RL4034	DPG-FV	IDDRPM406004R1	55,042	E2	48.62	2530	460	666	93	
			L4046	DPG-FV	IDDRPM406004	67,104	E2	55.00	2000	460	666	94	
		2500	FL4473	TEBC	IDBRPM446004	75,188	E2	86.82	4905	460	708	93	
700	1800	2300	RL4058	DPG-FV	IDDRPM407004R1	70,456	E2	54.62	3080	460	875	94	
			L4429	DPG-FV	IDDRPM447004	83,747	E2	55.63	3004	460	870	94	
1000	1800	2550	RL4461	DPG-FV	IDDRPM4410004R1	104,952	E2	63.61	3505	460	1202	94	
			L4461	DPG-FV	IDDRPM4410004	104,952	E2	66.63	3889	460	1202	94	

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