

RPM AC,
Vector Duty,
Three Phase,
Totally Enclosed

5 thru 200 Hp

FL1838 thru L4022

Applications: Test stands, extruders, conveyors, crane & hoist systems, converting, web processing, traction duty, winders, printing.

Features: Compact square laminated steel frame FL210-L440 (FL180 is extruded aluminum) for 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. Includes BEI HS35 1024 ppr hollow shaft encoder with MS twist lock connector, mating connector and protective cover.



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	ZDNRPM18054C	5,692	E2	17.87	143	230/460	7.2	90
7 1/2	1800	3500	FL1852C	TENV	ZDNRPM18074C	6,241	E2	21.87	194	230/460	11	91
10	1800	3500	FL1844C	TEFC	ZDFRPM18104C	6,402	E2	23.26	179	230/460	13.9	91
			FL2162C	TENV	ZDNRPM21104C	7,017	E2	22.73	280	230/460	13.6	91
15	1800	3500	FL1844C	TEBC	ZDBRPM18154C	6,548	E2	25.33	180	460	21	92
20	1800	3500	FL1852C	TEBC	ZDBRPM18204C	7,010	E2	27.96	209	460	27	92
		3500	FL2162C	TEFC	ZDFRPM21204C	7,827	E2	28.55	290	460	27	92
25	1800	3500	FL2173C	TEFC	ZDFRPM21254C	7,912	E2	31.31	355	460	34	92
30	1800	3500	FL2162C	TEBC	ZDBRPM21304C	7,827	E2	28.55	290	460	40	92
			FL2570C	TEFC	ZDFRPM25304C	8,221	E2	29.54	475	460	39	92
40	1800	3500	FL2173	TEBC	ZDBRPM21404	8,242	E2	31.31	355	460	51	93
			FL2586	TEFC	ZDFRPM25404	8,572	E2	35.85	605	460	51	93
50	1800	3500	FL2570	TEBC	ZDBRPM25504	8,981	E2	31.85	475	460	65	93
60	1800	3500	FL2578	TEBC	ZDBRPM25604	12,383	E2	33.85	540	460	75	93
75	1800	3500	FL2586	TEBC	ZDBRPM25754	14,432	E2	35.85	605	460	95	93
100	1800	3550	FL2890	TEBC	ZDBRPM281004R1	16,091	E2	41.27	805	460	124	93
125	1800	3550	FL2898	TEBC	ZDBRPM281254	16,923	E2	43.27	890	460	156	93
		3500	L3203	TEBC	ZDBRPM321254	22,967	E2	44.25	1170	460	150	93
150	1800	3500	L3213	TEBC	ZDBRPM321504	30,109	E2	55.13	1310	460	177	93
200	1800	3500	L3614	TEBC	ZDBRPM362004	33,113	E2	52.87	1700	460	229	93
			L4022	TEBC	ZDBRPM402004	35,581	E2	54.12	1750	460	234	93

(a) See notes on inside back flap.
All TEBC have integral blower rated 230/460 volts 3 phase.

CONTINUOUS CONSTANT TORQUE TO ZERO SPEED