

**BALDOR • RELIANCE**

**RPM AC,  
Vector Duty,  
Three Phase,  
Totally Enclosed**

**5 thru 200 Hp**

**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 1024 ppr hollow shaft encoder.



Hp	RPM	Max. RPM	NEMA Frame	Enclosure (a)	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (b)	Reliance M/N
5	1800	3500	FL1838C	TENV	<b>ZDNRPM18054C</b> (c)	4,351	E2	17.87	143	230/460	7.4		P18T369
7 1/2	1800	3500	FL1852C	TENV	<b>ZDNRPM18074C</b> (d)	4,775	E2	21.87	194	230/460	11		P18T370
10	1800	3500	FL1844C	TEFC	<b>ZDFRPM18104C</b> (d)	4,900	E2	23.26	179	230/460	13.9		P18T371
			FL2162C	TENV	<b>ZDNRPM21104C</b> (d)	5,374	E2	23.11	280	230/460	13.6		P21T399
15	1800	3500	FL1844C	TEBC	<b>ZDBRPM18154C</b> (e)	5,011	E2	28.93	180	460	21		P18T372
20	1800	2500	FL2162C	TEFC	<b>ZDFRPM21204C</b> (e)	5,653	E2	26.74	290	460	27		P21T400
		3500	FL1852C	TEBC	<b>ZDBRPM18204C</b> (e)	5,369	E2	30.39	209	460	27		P18T373
25	1800	3500	FL2173C	TEFC	<b>ZDFRPM21254C</b> (e)	6,062	E2	29.50	355	460	34		P21T401
			FL2162C	TEBC	<b>ZDBRPM21304C</b> (e)	6,261	E2	31.24	290	460	40		P21T402
30	1800	3500	FL2570C	TEFC	<b>ZDFRPM25304C</b> (e)	6,303	E2	29.54	475	460	40		P25T311
			FL2173	TEBC	<b>ZDBRPM21404</b> (f)	6,470	E2	33.75	355	460	52		P21T403
40	1800	3500	FL2586	TEFC	<b>ZDFRPM25404</b> (f)	6,725	E2	33.79	605	460	52		P25T312
			FL2570	TEBC	<b>ZDBRPM25504</b> (f)	7,865	E2	34.29	475	460	61		P25T313
60	1800	3500	FL2578	TEBC	<b>ZDBRPM25604</b> (f)	9,669	E2	36.29	540	460	74		P25T314
75	1800	3500	FL2586	TEBC	<b>ZDBRPM25754</b> (f)	11,251	E2	38.29	605	460	94		P25T315
100	1800	3500	L2898	TEBC	<b>ZDBRPM281004</b> (f)	14,528	E2	41.12	1,045	460	123		P28L280
125	1800	3500	L3203	TEBC	<b>ZDBRPM321254</b> (f)	18,122	E2	44.25	1,170	460	150		P32L273
150	1800	3500	L3213	TEBC	<b>ZDBRPM321504</b> (f)	23,636	E2	46.75	1,310	460	177		P32L274
			L3614	TEBC	<b>ZDBRPM362004</b> (f)	25,959	E2	46.75	1,700	460	240		P36L239
200	1800	3500	L4022	TEBC	<b>ZDBRPM402004</b> (f)	27,866	E2	49.12	1,750	460	240		P40L1301

- (a) All TEBC have integral blower rated 230/460 volts 3 phase.
- (b) See notes on inside back flap and pages 5-6.
- (c) Foot mounted and 180TC face.
- (d) Foot mounted and 210TC face.
- (e) Foot mounted and 250TC face.
- (f) Foot mounted only.

**CONTINUOUS CONSTANT TORQUE TO ZERO SPEED**

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes