

**BALDOR • RELIANCE®**

**Vector,  
Elevator Duty,  
Three Phase, ODP**

**10 thru 75 Hp**

**NEMA 256T thru 405T**

**Applications:** Elevator modernizations where a premium efficient, quiet, high torque motor is required.

**Features:** Cast iron frame and endplates, electrically isolated 1024 PPR HS35 optical encoder with connector, Class H insulation, 50°C rise, 320% minimum breakdown torque, winding thermostat, 1/8" shaft endplay. Superior insulation system designed to comply with NEMA MG-1 part 31 for inverter power.



Hp	RPM	Max. RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
10	1200	1800	256T	ZDME2511T-CI	4,295	E2	24.70	280	89.5	230/460	17	2,8,46
15	1200	1800	286T	ZDME2524T-CI	5,046	E2	27.35	391	90.2	230/460	21	2,8,46
20	1200	1800	286T	ZDME2528T-CI	5,698	E2	27.35	420	90.2	230/460	28	2,8,46
25	1200	1800	324T	ZDME2532T-CI	6,841	E2	28.54	522	91.7	230/460	32	2,8,46
30	1200	1800	326T	ZDME2536T-CI	6,967	E2	30.04	557	91.7	230/460	39	2,8,46
40	1200	1800	364T	ZDME2540T-CI	7,693	E2	32.49	725	91.7	230/460	59	2,8,46
50	1200	1800	365T	ZDME2544T-CI	8,481	E2	32.49	815	91	230/460	70	2,8,46
60	1200	1800	404T	ZDME2548T-CI	10,715	E2	36.80	1,077	91.7	460	74	2,8,46
75	1200	1800	405T	ZDME2552T-CI	11,671	E2	36.80	1,162	91.7	460	90	2,8,46

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

**Inverter Gear Motor - 3/8 Hp  
Right Angle and  
Parallel Shaft -TEFC**

**Applications:** Ideally suited for conveyors, material handling, packaging equipment applications requiring adjustable speed and no maintenance. Available in a broad range of gear ratios to meet your demanding application needs.

**Features:** Superior insulation system designed to comply with NEMA MG-1 part 31 for inverter power. IP44 environmental protection. Designed for use on Baldor Series 15J, 15P and Series 5 Inverters operating on 230 volts output. Both Parallel shaft and Right Angle gearmotors are lubricated for life and require no routine maintenance. Right Angle gearmotors feature our internal oil expansion bladder which eliminates the need for a breather while allowing the gearmotor to be mounted in any position (see note below).



Input Motor Hp	Output RPM 60 Hz.	Gear Ratio	Speed Range	Maximum Safe Torque In-Lbs @ 60 Hz	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Volt Code
<b>Right Angle</b>										
3/8	22	75	3.4-33	315	IDGM2509	590	E2	22	2528M-K	C
	28	60	4.5-41	252	IDGM2508	590	E2	22	2528M-K	C
	41	40	6.6-62	228	IDGM2506	590	E2	22	2528M-K	C
	83	20	12-123	138	IDGM2503	590	E2	22	2528M-K	C
	165	10	23-246	105	IDGM2501	590	E2	22	2528M-K	C
	330	5	43-490	68	IDGM2500	590	E2	22	2528M-K	C
<b>Parallel Shaft</b>										
3/8	55	30	8.0-82	350	IDGMP2505	572	E2	20	2528M-PS	C
	83	20	12-123	233	IDGMP2503	539	E2	20	2528M-PS	C
	165	10	23-246	116	IDGMP2501	539	E2	20	2528M-PS	C
	330	5	43-490	58	IDGMP2500	539	E2	20	2528M-PS	C

**NOTE:** Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against seal wear. Vertical motor below gearbox mounting is possible with modification, contact Baldor for details. Voltage: @ 60 Hz: C = 230 volts