

**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	<b>IDGM2509</b>	675	E2	22	2528M-K	C
	28	60	4.5-41	252	<b>IDGM2508</b>	675	E2	22	2528M-K	C
	41	40	6.6-62	228	<b>IDGM2506</b>	675	E2	22	2528M-K	C
	83	20	12-123	138	<b>IDGM2503</b>	675	E2	22	2528M-K	C
	165	10	23-246	105	<b>IDGM2501</b>	675	E2	22	2528M-K	C
	330	5	43-490	68	<b>IDGM2500</b>	675	E2	22	2528M-K	C
<b>Parallel Shaft</b>										
3/8	55	30	8.0-82	350	<b>IDGMP2505</b>	654	E2	20	2528M-PS	C
	83	20	12-123	233	<b>IDGMP2503</b>	616	E2	20	2528M-PS	C
	165	10	23-246	116	<b>IDGMP2501</b>	616	E2	20	2528M-PS	C
	330	5	43-490	58	<b>IDGMP2500</b>	616	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

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 Starters & Dynamic Brakes