

Shunt Wound SCR Drive Motor - TEFC, Rigid Base

5 thru 25 Hp

NEMA 1810AT THRU 328AT

Applications: Conveyors and packaging machinery.

Features: Includes thermostat on interpole, grease fittings and reliefs. Class F insulation system. Constant pressure brush springs and precision brush holders. Provisions for tach mounting (See tach mounting kits page 322).



Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motors Only	Mult. Sym.	Ap'x. Shpg. Wgt.	XPY Tach Kit	Notes (b)
			Arm.	Field	Arm.	Field (a)						
5	1750/2300	1810AT	240	150/300	17.6	0.68	D2505P	7,863	N2	379	N/A	1, 3
			500	150/300	8.3	0.34	D5505P	7,863	N2	229	N/A	1, 3
7 1/2	1750/2300	2110AT	240	150/300	26.6	2.10	D2507P	9,152	N2	319	TKP2136XPT	1, 3
			500	150/300	12.3	1.05	D5507P	9,152	N2	319	TKP2136XPT	1, 3
10	1750/2300	259AT	240	150/300	34.3	1.72	D2510P	11,371	N2	459	TKP2136XPT	1, 3
			500	150/300	16.3	0.86	D5510P	11,371	N2	459	TKP2136XPT	1, 3
15	1750/2300	288AT	240	150/300	51.7	1.96	D2515P	15,173	N2	629	TKP2136XPT	1, 3
			500	150/300	24.5	0.99	D5515P	15,173	N2	629	TKP2136XPT	1, 3
20	1750/2300	328AT	240	150/300	68.8	2.22	D2520P	19,984	N2	879	TKP2136XPT	1, 3
			500	150/300	32.7	1.11	D5520P	19,984	N2	867	TKP2136XPT	1, 3
25	1750/2300	328AT	240	150/300	84.8	2.22	D2525P	19,984	N2	872	TKP2136XPT	1, 3
			500	150/300	40.9	1.11	D5525P	19,984	N2	870	TKP2136XPT	1, 3

NOTE: (a) Field amps are for 150V connection on 240VDC motors; 300V connection on 500VDC motors. Tach mounting kits on page 322.

(b) See notes on inside back flap.

180 frame motors are supplied without external conduit box, see online layout drawing for details.

Lifting Magnet Generators

5 thru 40 kW

NEMA 1810AT thru 329AT

Applications: Crane mounted lifting magnets for recyclers and steel mills.

Features: Heavy duty steel frame. Cast iron endplates. Class H insulation with Class F temperature rise. Precision brush holders. Constant force brush springs. Double sealed ball bearings. Compound wound with drooping voltage characteristics. DPGF enclosure. Weather resistant paint. F-2 conduit box. CDMG generators have C-face and base mounting for hydraulic pump or PTO mounting.



kW	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Field Control Rheostat		Notes (a)
			Arm.	Field	Arm.	Field					Ohms	Amp Max.	
5	2500	1810AT	230	230	21.7	0.61	DMG2305	6,568	N2	220	300	0.85	1, 3
7 1/2	2500	219AT	230	230	32.6	1.14	DMG2307	7,556	N2	262	150	1.6	1, 3
		219AT	230	230	43.5	0.72	DMG2310	8,374	N2	246	200	1.4	1, 3
10	2500	219ATC	230	230	43.5	0.72	CDMG2310	8,899	N2	250	200	1.4	1, 3
		259AT	230	230	65	1.3	DMG2315	14,058	N2	429	200	1.82	1, 3
15	1750	259ATC	230	230	65	1.3	CDMG2315	14,571	N2	459	200	1.82	1, 3
		288AT	230	230	87	1.8	DMG2320	15,390	N2	589	125	2.52	1, 3
20	1750	288ATC	230	230	87	1.8	CDMG2320	16,266	N2	609	125	2.52	1, 3
		328AT	230	230	109	2.13	DMG2325	16,828	N2	849	100	3.0	1, 3
25	1750	328ATC	230	230	109	2.13	CDMG2325	17,698	N2	878	100	3.0	1, 3
		328AT	230	230	144	2.13	DMG2333	21,340	N2	831	100	3.0	1, 3
33	1750	328ATC	230	230	144	2.13	CDMG2333	22,203	N2	883	100	3.0	1, 3
		329AT	230	230	174	3.7	DMG2340	23,393	N2	910	50	5.2	1, 3

NOTE: Field control rheostat and meters are not included in price or available from Baldor.

(a) See notes on inside back flap.

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