

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 300).

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	6147	N2	379	N/A	1, 3
			500	150/300	8.3	0.34	D5505P	6555	N2	229	N/A	1, 3
7 1/2	1750/2300	2110AT	240	150/300	26.6	2.10	D2507P	7436	N2	319	TKP2136XPT	1, 3
			500	150/300	12.3	1.05	D5507P	7436	N2	319	TKP2136XPT	1, 3
10	1750/2300	259AT	240	150/300	34.3	1.72	D2510P	8489	N2	459	TKP2136XPT	1, 3
			500	150/300	16.3	0.86	D5510P	8489	N2	459	TKP2136XPT	1, 3
15	1750/2300	288AT	240	150/300	51.7	1.96	D2515P	10955	N2	629	TKP2136XPT	1, 3
			500	150/300	24.5	0.99	D5515P	10955	N2	629	TKP2136XPT	1, 3
20	1750/2300	328AT	240	150/300	68.8	2.22	D2520P	12582	N2	879	TKP2136XPT	1, 3
			500	150/300	32.7	1.11	D5520P	12582	N2	867	TKP2136XPT	1, 3
25	1750/2300	328AT	240	150/300	84.8	2.22	D2525P	14734	N2	872	TKP2136XPT	1, 3
			500	150/300	40.9	1.11	D5525P	14734	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 300.

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

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. DPFG 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	5568	N2	239	300	0.85	1, 3
7 1/2	2500	219AT	230	230	32.6	1.14	DMG2307	6405	N2	262	150	1.6	1, 3
10	2500	219AT	230	230	43.5	0.72	DMG2310	7099	N2	264	200	1.4	1, 3
		219ATC	230	230	43.5	0.72	CDMG2310	7543	N2	259	200	1.4	1, 3
15	1750	259AT	230	230	65	1.3	DMG2315	11917	N2	459	200	1.82	1, 3
		259ATC	230	230	65	1.3	CDMG2315	12352	N2	429	200	1.82	1, 3
20	1750	288AT	230	230	87	1.8	DMG2320	13047	N2	609	125	2.52	1, 3
		288ATC	230	230	87	1.8	CDMG2320	13789	N2	589	125	2.52	1, 3
25	1750	328AT	230	230	109	2.13	DMG2325	14266	N2	878	100	3.0	1, 3
		328ATC	230	230	109	2.13	CDMG2325	15003	N2	849	100	3.0	1, 3
33	1750	328AT	230	230	144	2.13	DMG2333	18091	N2	883	100	3.0	1, 3
		328ATC	230	230	144	2.13	CDMG2333	18822	N2	831	100	3.0	1, 3
40	1750	329AT	230	230	174	3.7	DMG2340	19831	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 and pages 5-6.