

SCR Drive Motors Shunt 5 thru 250 Hp and Stabilized Shunt Wound - DPGF, Self Ventilated, Rigid Base



Applications: Conveyors, plastic extruders, packaging machinery and other constant torque applications for DC SCR motors.

Features: Includes thermostat on interpole. Class F insulation system resistant to dirt, carbon, dust and moisture. High dielectric stability. Low moment of inertia armature for fast response. Constant pressure brush springs and longer brushes for reduced maintenance. Includes grease fittings and reliefs for bearing maintenance. Power code C and D or M-G sets. Maximum RPM by field weakening. Provisions for tach mounting. (See tach mounting kits on page 322). May be converted to blower ventilated (DPBV) for extended constant torque speed range.

Hp	Base/Max Speed ^(a)	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motors Only ^(c)	Mult. Sym.	Ap'x. Shpg. Wgt. ^(d)	XPY Tach Kit	Blower Catalog Number	Notes ^(e)
			Arm.	Field	Arm.	Field ^(b)							
5	1750/2300	L186AT	240	150/300	17.7	.68	D2005P	5,451	N2	178	TKP1836XP	FVB3180	2,20
			500	150/300	8.5	.6	D5005P	5,451	N2	162	TKP1836XP	FVB3180	2,20
7 1/2	1750/2300	1810AT	240	150/300	28.1	.8	D2007P	6,338	N2	239	TKP1836XP	FVB3180	2,20
		218AT	500	150/300	13.2	.69	D5007P	6,994	N2	239	TKP1836XP	FVB3210	2,20
10	1750/2300	219AT	240	150/300	36.6	2.16	D2010P	7,194	N2	259	TKP1836XP	FVB3210	2,20
			500	150/300	17.2	1.17	D5010P	7,194	N2	255	TKP1836XP	FVB3210	2,20
15	1750/2300	258AT	240	150/300	55	2.58	D2015P	8,612	N2	379	TKP1836XP	FVB3250	2,20
			500	150/300	25.2	1.4	D5015P	8,612	N2	379	TKP1836XP	FVB3250	2,20
20	1750/2300	259AT	240	150/300	70.5	2.48	D2020P	9,845	N2	429	TKP1836XP	FVB3250	2,20
			500	150/300	35.1	1.24	D5020P	9,845	N2	429	TKP1836XP	FVB3250	2,20
25	1750/2300	288AT	240	150/300	89.2	2.99	D2025P	13,306	N2	589	TKP1836XP	FVB4280	2,20
		287-8AT	500	150/300	43.4	1.64	D5025P	13,306	N2	529	TKP1836XP	FVB4280	2,20
30	1750/2300	288AT	240	150/300	106	4.52	D2030P	13,306	N2	589	TKP1836XP	FVB4280	2,20
			500	150/300	50	2	D5030P	13,306	N2	579	TKP1836XP	FVB4280	2,20
40	1750/2100	328AT	500	150/300	67.9	2.17	D5040P	17,810	N2	819	TKP1836XP	FVB6320	2,20
50	1750/2100	328AT	500	150/300	83.7	2	D5050P	17,810	N2	822	TKP1836XP	FVB6320	2,20
60	1750/2100	365-6AT	500	150/300	98.6	1.75	D5060P	23,880	N2	815	TKP1836XP	FVB6400	2,20
75	1750/2100	366AT	500	150/300	123	1.48	D5075P	23,880	N2	959	TKP1836XP	FVB6400	2,20
100	1750/2000	368AT	500	150/300	158	3	D50100P	32,207	N2	1129	TKP1836XP	FVB6400	2,20
125	1750/2000	407AT	500	150/300	200	3	D50125P	37,042	N2	1459	TKP400XP	FVB6400	2,20
150	1750/2000	409AT	500	150/300	237	3.7	D50150P	46,185	N2	1139	TKP400XP	FVB6400	2,20
200	1750/1900	504AT	500	150/300	320	3.9	D50200P	57,625	N2	2149	TKP500XP	FVB8500	2,20
250	1750/1900	506AT	500	150/300	392	5	D50250P	69,054	N2	2569	TKP500XP	FVB8500	2,20

NOTES:

- (a) DPGF enclosure is self-ventilated. Speed can be reduced to approximately 60% of base speed with constant torque. See performance data in CA608 catalog for specific speed-torque curves. Separate blower can be used to increase operating range below 60% of base speed.
- (b) Field amps are for 150V connection on 240VDC motors; 300V connection on 500VDC motors. 360, 400 & 500 frames are 4 pole stabilized shunt until 3rd quarter 2006 when they became shunt. Others are 2 pole shunt.
- (c) Does not include price of blower. See page 322 for pricing.
- (d) Does not include weight of blower. See page 322 for weights.
- (e) See notes on inside back flap.

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

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