

SCR drive motors, shunt wound – DPF, self ventilated, rigid base

5 thru 250 Hp



Features:

- High dielectric stability
- Low moment of inertia armature for fast response
- Includes thermostat on interpole
- Constant pressure brush springs and longer brushes for reduced maintenance
- Class F insulation system
- Includes grease fittings and reliefs for bearing maintenance
- Tachometer adaptable

Applications:

- Conveyors
- Plastic extruders
- Packaging machinery
- Other constant torque applications

Hp	Base/Max Speed (a)	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motors Only (c)	Disc. Sym.	Ap'x. Shpg. Wgt. (d)	XPY Tach MTG Kit	Blower Catalog Number	Shunt Type	Notes (e)
			Arm.	Field	Arm.	Field (b)								
5	1750/2300	L186AT	240	150/300	17.7	.74	D2005P	14,306	RSV	180	14009-1	FVB3180	Straight	2,20
			500	150/300	8.5	.669	D5005P	14,306	RSV	162	14009-1	FVB3180	Straight	2,20
7 1/2	1750/2300	1810AT	240	150/300	27.8	.92	D2007P	16,667	RSV	218	14009-1	FVB3180	Straight	2,20
		218AT	500	150/300	13.2	.685	D5007P	16,667	RSV	235	14009-1	FVB3210	Straight	2,20
10	1750/2300	219AT	240	150/300	36.6	2.14	D2010P	16,976	RSV	245	14009-1	FVB3210	Straight	2,20
			500	150/300	17.2	1.36	D5010P	16,976	RSV	255	14009-1	FVB3210	Straight	2,20
15	1750/2300	258AT	240	150/300	55	2.60	D2015P	19,001	RSV	375	14009-1	FVB3250	Straight	2,20
			500	150/300	25.2	1.39	D5015P	19,001	RSV	375	14009-1	FVB3250	Straight	2,20
20	1750/2300	259AT	240	150/300	70.5	2.48	D2020P	20,019	RSV	430	14009-1	FVB3250	Straight	2,20
			500	150/300	35.1	1.24	D5020P	20,019	RSV	430	14009-1	FVB3250	Straight	2,20
25	1750/2300	288AT	240	150/300	89.2	2.96	D2025P	24,669	RSV	575	14009-1	FVB4280	Straight	2,20
		287-8AT	500	150/300	43.4	1.64	D5025P	24,669	RSV	490	14009-1	FVB4280	Straight	2,20
30	1750/2300	288AT	240	150/300	106	2.96	D2030P	24,669	RSV	595	14009-1	FVB4280	Straight	2,20
			500	150/300	50	2	D5030P	24,669	RSV	590	14009-1	FVB4280	Straight	2,20
40	1750/2100	328AT	500	150/300	67.9	2.16	D5040P	33,017	RSV	784	14009-1	FVB6320	Straight	2,20
50	1750/2100	328AT	500	150/300	83.7	1.99	D5050P	33,017	RSV	822	14009-1	FVB6320	Straight	2,20
60	1750/2100	365-6AT	500	150/300	98.6	1.74	D5060P	44,271	RSV	790	14009-1	FVB6400	Stab	2,20
75	1750/2100	366AT	500	150/300	123	1.48	D5075P	44,271	RSV	905	14009-1	FVB6400	Stab	2,20
100	1750/2000	368AT	500	150/300	158	3	D50100P	59,708	RSV	1100	14009-1	FVB6400	Straight	2,20
125	1750/2000	407AT	500	150/300	200	3	D50125P	68,671	RSV	1445	TKP400XP	FVB6400	Straight	2,20
150	1750/2000	409AT	500	150/300	237	2.34	D50150P	85,619	RSV	1785	TKP400XP	FVB6400	Straight	2,20
200	1750/1900	504AT	500	150/300	320	3.9	D50200P	92,574	RSV	2095	TKP500XP	FVB8500	Straight	2,20
250	1750/1900	506AT	500	150/300	392	5.01	D50250P	110,088	RSV	2540	TKP500XP	FVB8500	Straight	2,20

Notes:

- (a) DPF 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.
- (c) Does not include price of blower.
- (d) Does not include weight of blower.
- (e) See notes on inside back flap.

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