

SCR Drive Motor Shunt and Stabilized Shunt Wound DPBV Enclosure - Rigid Base

40 thru 500 Hp

NEMA 328AT thru 5010AT

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 or M-G sets. Maximum RPM by field weakening. Provisions for tach mounting. (See tach kits on page 322). Blower-ventilated, includes filter.



Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price w/Blower & Filter	Mult. Sym.	Ap'x. Shpg. Wgt.	XPY Tach Kit	Notes (b)
			Arm.	Field	Arm.	Field (a)						
40	1750/2100	328AT	240	150/300	138	2.64	D2040P-BV	20,754	N2	889	TKP1836XP	2,20
			500	150/300	67.9	2.17	D5040P-BV	20,754	N2	871	TKP1836XP	2,20
50	1750/2100	328AT	240	150/300	175	2.64	D2050P-BV	20,754	N2	898	TKP1836XP	2,20
			500	150/300	83.7	2	D5050P-BV	20,754	N2	899	TKP1836XP	2,20
60	1750/2100	366AT	240	150/300	201	5.6	D2060P-BV	26,825	N2	996	TKP1836XP	2,20
		365-6AT	500	150/300	98.6	1.75	D5060P-BV	26,825	N2	869	TKP1836XP	2,20
75	1750/2100	366AT	240	150/300	256	5.6	D2075P-BV	26,825	N2	1015	TKP1836XP	2,20
			500	150/300	123	1.48	D5075P-BV	26,825	N2	999	TKP1836XP	2,20
100	1750/2000	368AT	500	150/300	158	3	D50100P-BV	35,152	N2	1179	TKP1836XP	2,20
125	1750/2000	368AT	500	150/300	197	3	D50125P-BV	35,152	N2	1189	TKP1836XP	2,20
150	1750/2000	407-9AT	500	150/300	238	2.7	D50150P-BV	40,284	N2	1519	TKP400XP	2,20
200	1750/1900	409AT	500	150/300	311	3.75	D50200P-BV	50,180	N2	1809	TKP400XP	2,20
250	1750/1900	504-6AT	500	150/300	405	4.9	D50250P-BV	61,431	N2	2289	TKP500XP	2,20
300	1750	506AT	500	150/300	478	6.2	D50300P-BV	72,860	N2	2659	TKP500XP	2,20
400	1750/1900	508AT	500	150/300	624	6.08	D50400P-BV	102,851	N2	3289	TKP5006XP	2,20
500	1750/1900	5010AT	500	150/300	788	6	D50500P-BV	135,069	N2	4169	TKP500XP	2,20

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

360 through 500 frames are 4 pole stabilized shunt, until 3rd quarter 2006 when they became shunt. Others are 2 pole shunt. Tach mounting kits on page 322.

(b) See notes on inside back flap.

SCR Drive Motor 240V Armature - 240V Field Shunt Wound DPFG - Self-Ventilated Rigid Base and C-Face

3 thru 15 Hp

NEMA L186ATC thru 258ATC

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 or M-G sets. Maximum RPM by field weakening.



Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price Motor (b)	Mult. Sym.	Ap'x. Shpg. Wgt. (c)	XPY Tach Kit	Blower Catalog Number	Notes (d)
			Arm.	Field	Arm.	Field (a)							
3	1750/2300	L186ATC	240	120/240	10.6	.45	CD2003P-2	5,635	N2	170	TKP1836XP	FVB3180	1, 3
5	1750/2300	L186ATC	240	120/240	17.7	.45	CD2005P-2	5,635	N2	170	TKP1836XP	FVB3180	1, 3
7 1/2	1750/2300	1810ATC	240	120/240	28.1	.52	CD2007P-2	6,522	N2	233	TKP1836XP	FVB3180	1, 3
10	1750/2300	219ATC	240	120/240	36.6	1.26	CD2010P-2	7,715	N2	267	TKP1836XP	FVB3210	1, 3
15	1750/2300	258ATC	240	120/240	55	1.26	CD2015P-2	9,133	N2	409	TKP1836XP	FVB3250	1, 3

NOTE: (a) Field amps for 240VDC connection. (b) Does not include price of blower and filter. See page 322 for pricing.

(c) Does not include weight of blower and filter. See page 322 for weights. Tach mounting kits on page 322.

(d) 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 Start & Dynamic Brakes