

## SCR drive motor, shunt and stabilized shunt wound DPBV enclosure – rigid base 40 thru 500 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
- Blower-ventilated, includes filter

### Applications:

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

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	Disc. Sym.	Ap'x. Shpg. Wgt.	XPY Tach Kit	Field Type	Notes (b)
			Arm.	Field	Arm.	Field (a)						
40	1750/2100	328AT	240	150/300	138	2.64	<b>D2040P-BV</b>	RSV	855	TKP1836XP	STR	2,20
			500	150/300	67.9	2.16	<b>D5040P-BV</b>	RSV	830	TKP1836XP	STR	2,20
50	1750/2100	328AT	240	150/300	175	2.64	<b>D2050P-BV</b>	RSV	873	TKP1836XP	STR	2,20
			500	150/300	83.7	1.99	<b>D5050P-BV</b>	RSV	885	TKP1836XP	STR	2,20
60	1750/2100	366AT	240	150/300	201	5.58	<b>D2060P2-BV</b>	RSV	980	TKP1836XP	STR (c)	2,20
		365-6AT	500	150/300	98.6	1.74	<b>D5060P-BV</b>	RSV	880	TKP1836XP	STAB	2,20
75	1750/2100	366AT	240	150/300	256	5.58	<b>D2075P2-BV</b>	RSV	975	TKP1836XP	STR (c)	2,20
			500	150/300	123	1.48	<b>D5075P-BV</b>	RSV	960	TKP1836XP	STAB	2,20
100	1750/2000	368AT	500	150/300	158	3	<b>D50100P2-BV</b>	RSV	1145	TKP1836XP	STR (c)	2,20
125	1750/2000	368AT	500	150/300	197	3	<b>D50125P2-BV</b>	RSV	1170	TKP1836XP	STR(c)	2,20
150	1750/2000	407-9AT	500	150/300	238	2.69	<b>D50150P2-BV</b>	RSV	1519	TKP400XP	STR (c)	2,20
200	1750/1900	409AT	500	150/300	311	3.75	<b>D50200P2-BV</b>	RSV	1830	TKP400XP	STR (c)	2,20
250	1750/1900	504-6AT	500	150/300	405	4.85	<b>D50250P2-BV</b>	RSV	2175	TKP500XP	STR (c)	2,20
300	1750	506AT	500	150/300	478	6.2	<b>D50300P2-BV</b>	RSV	2629	TKP500XP	STR (c)	2,20
400	1750/1900	508AT	500	150/300	624	6.07	<b>D50400P2-BV</b>	RSV	3285	TKP5006XP	STR (c)	2,20
500	1750/1900	5010AT	500	150/300	788	6.03	<b>D50500P2-BV</b>	RSV	4170	TKP500XP	STR (c)	2,20

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

(b) See notes on inside back flap.

Red catalog number indicates **NEW** product.

## SCR drive motor, 240V armature – 240V field shunt wound DPFV – Self-ventilated rigid base and C-Face

3 thru 15 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
- Power Code C or M-G sets
- Maximum RPM by field weakening

### Applications:

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

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	Disc. 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	.445	<b>CD2003P-2</b>	RSV	170	TKP1836XP	FVB3180	2
5	1750/2300	L186ATC	240	120/240	17.7	.484	<b>CD2005P-2</b>	RSV	170	TKP1836XP	FVB3180	2
7 1/2	1750/2300	1810ATC	240	120/240	28.1	.458	<b>CD2007P-2</b>	RSV	222	TKP1836XP	FVB3180	2
10	1750/2300	219ATC	240	120/240	36.6	1.26	<b>CD2010P-2</b>	RSV	250	TKP1836XP	FVB3210	2
15	1750/2300	258ATC	240	120/240	55	1.25	<b>CD2015P-2</b>	RSV	408	TKP1836XP	FVB3250	2

Notes: (a) Field amps for 240VDC connection.

(c) Does not include weight of blower and filter. Tach mounting kits available.

(d) See notes on inside back flap. 180 frame motors are supplied without external conduit box, see online layout drawing for details.