

## Integral DC tach permanent magnet SCR drive motor – TENV and TEFC, C-Face with base

1/4 thru 5 Hp



### Features:

- Precise speed regulation
- 50 VDC per 1,000 RPM precision tachometer
- Class F insulation
- 20:1 constant torque speed range with NEMA Type K control

### Applications:

- Conveyors
- Metering pumps

Hp	Base Speed	NEMA Frame	Voltage D.C.	Full Load Amperage	Enclosure	Catalog Number	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
			Arm.	Arm.						
1/4	1750	56C	90	2.5	TENV	<b>CDPT3310</b>	3,366	PMS	27	20,60
			180	1.25	TENV	<b>CDPT3306</b>	3,366	PMS	27	20,60
1/3	1750	56C	90	3.2	TENV	<b>CDPT3320</b>	3,433	PMS	30	20,60
			180	1.6	TENV	<b>CDPT3316</b>	3,433	PMS	30	20,60
1/2	1750	56C	90	4.8	TENV	<b>CDPT3330</b>	3,433	PMS	35	20,60
			180	2.5	TENV	<b>CDPT3326</b>	3,649	PMS	36	20,60
3/4	1750	56C	90	7.6	TEFC	<b>CDPT3440</b>	3,860	PMS	44	20
			180	3.7	TEFC	<b>CDPT3436</b>	3,860	PMS	45	20
1	1750	56C	90	10	TEFC	<b>CDPT3445</b>	4,306	PMS	50	20
			180	5	TEFC	<b>CDPT3455</b>	4,306	PMS	50	20
1 1/2	1750	143TC	180	7.7	TEFC	<b>CDPT3575</b>	5,976	PMS	71	20
2	1750	143TC	180	9.6	TEFC	<b>CDPT3585</b>	6,705	PMS	79	20
3	1750	182ATC	180	14	TEFC	<b>CDPT3603</b>	7,799	PMS	122	20
5	1750	1810ATC	180	24.5	TEFC	<b>CDPT3605</b>	11,667	PMS	164	20

(a) See notes on inside back flap.

## Explosion proof permanent magnet SCR drive motor – TEFC, C-Face with base

1/4 thru 1 1/2 Hp



### Features:

- NEMA C-Face with welded base
- 20:1 constant torque speed range
- UL and CSA
- Division 1, Class I, Group D; Class II, Group F&G, T3C
- Thermostat and explosion proof conduit box included
- Adjustable speed and constant torque for hazardous locations

### Applications:

- Conveyors
- Feeders
- Pumps

Hp	Base Speed	NEMA Frame	Voltage D.C.	Full Load Amperage	Catalog Number	XP Cls/Grp	Temp Code	List Price	Disc. Sym.	Ap'x. Shpg. Wgt.	Notes (a)
			Arm.	Arm.							
1/4	1750	56C	90	2.7	<b>CDPX3410</b>	②	T3C	3,236	PMS	38	20
			180	1.3	<b>CDPX3406</b>	②	T3C	3,236	PMS	38	20
1/3	1750	56C	90	3.6	<b>CDPX3420</b>	②	T3C	4,064	PMS	43	20
			180	1.7	<b>CDPX3416</b>	②	T3C	4,064	PMS	44	20
1/2	1750	56C	90	5.2	<b>CDPX3430</b>	②	T3C	4,589	PMS	46	20
			180	2.5	<b>CDPX3426</b>	②	T3C	4,589	PMS	46	20
3/4	1750	56C	90	7	<b>CDPX3440</b>	②	T3C	5,673	PMS	51	20
			180	3.5	<b>CDPX3436</b>	②	T3C	5,673	PMS	51	20
1	1750	56C	90	9.6	<b>CDPX3545</b>	②	T3C	7,555	PMS	73	20
			180	4.9	<b>CDPX3555</b>	②	T3C	7,555	PMS	71	20
1 1/2	1750	145TC	180	7.1	<b>CDPX3575</b>	②	T3C	8,075	PMS	81	20

Notes: ② Class I, Group D; Class II, Group F&G (a) See notes on inside back flap

**CAUTION:** Explosion-proof motors have a tight fit between mating parts to ensure the integrity of the explosion-proof enclosure. This can lead to an accumulation of moisture inside the motors due to condensation. Care should be used when selecting an explosion-proof motor, especially when installed outdoors and on intermittent duty.

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