

### Shunt Wound SCR Drive Motors, TEFC & Explosion Proof C-Face with Base

1/4 thru 3 Hp

NEMA 56C thru 215C

**Applications:** Conveyors, printing, textile equipment, machine tools (adjustable speeds with constant torque).

**Features:** TEFC enclosure, shunt wound, Class F insulation. Designed for use with NEMA TYPE K SCR control, 20:1 constant torque speed range (except where noted). NEMA C-face and removable base (1) (except on explosion proof models). NEMA 182 and larger have a thermostat (normally closed contracts) on the field winding.



Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	XP (e) Cls/Grp	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Notes (e)
			Arm.	Field	Arm.	Field (c)						
1/4	1750	56C	90	100/50	3	.3/6	CD3425		616	K	23	20
1/3	1750	56C	90	100/50	3.4	.4/8	CD3433		673	K	24	20
			180	200/100	1.9	.21/.42	CD3434		673	K	24	20
			90	100/50	3.7	.5/1	CD5333 (a)(d)		970	K	32	20
1/2	1750	56C	90	100/50	5.7	.5/1	CD3450		765	K	29	20
			180	200/100	2.6	.25/.5	CD3451		765	K	29	20
			90	100/50	5	.44/.88	CD5350 (d)		1,072	K	38	20
3/4	1750	56C	90	100/50	7.8	.6/1.2	CD3475		952	K	34	20
			180	200/100	3.9	.3/6	CD3476		952	K	34	20
			90	100/50	8	.6/1.2	CD5375 (d)		1,262	K	47	20
1	1750	56C	180	200/100	5	.3/6	CD5318 (d)		1,344	K	53	20
			90	100/50	10	.6/1.2	CD5319 (d)		1,344	K	52	20
		182C	180	200/100	5	.25/.5	CD6218		1,796	L1	65	20
			90	100/50	9.6	.55/1.1	CD6219		1,796	L1	64	20
1 1/2	1750	182C	180	200/100	7.5	.25/.5	CD6215		2,011	L1	82	20
2	1750	182C	180	200/100	9.5	.4/8	CD6202		2,379	L1	96	20
		213C	180	200/100	9.5	.4/8	CD7502		4,174	L1	105	20
3	1750	184TC	180	200/100	14.7	.6/1.2	CD6203		2,701	L1	135	8, 73
		215C	180	200/100	14.7	.6/1.2	CD7503		4,439	L1	140	20
<b>Explosion-Proof - Continuous Duty - Class I, Group D &amp; Class II, Group F &amp; G - 1.0 S.F.</b>												
1/2	1750	182CZ	90	100/50	4.9	.55/1.1	CDX1850 (b)	Ⓢ	2,440	L1	103	2
3/4	1750	182CZ	90	100/50	7	.55/1.1	CDX1875 (b)	Ⓢ	3,232	L1	102	2
1	1750	182CZ	180	200/100	5	.25/.5	CDX2001 (b)	Ⓢ	4,021	L1	105	2
		182C	180	200/100	5	.25/.5	CDX7100	Ⓢ	3,337	L1	103	2
1 1/2	1750	182C	180	200/100	7.5	.25/.5	CDX7150	Ⓢ	4,419	L1	118	2
2	1750	182C	180	200/100	9.5	.4/8	CDX7200 (b)	Ⓢ	4,963	L1	137	2

**NOTE:** See Tach Generators on page 323 and Mounting Kits on page 324. Tach Mounting Kits are not available for explosion-proof motors.

- (a) Base welded on type 3513D only.
- (b) Refers to shaft and/or face mounting dimensions only. Base mounting dimensions and shaft height differ from NEMA frames shown. Go to [www.baldor.com](http://www.baldor.com) for details.
- (c) Field amps for high voltage connection.
- (d) No dual mounting base holes on 35D, 75D or 91D type.
- (e) See notes on inside back flap.

Explosion-proof ratings UL and CSA, Class I, Group D & Class II, Group F & G, will not exceed surface temperature of 165°C, equivalent to Code T3B.

\* F2 Mount