

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

1/4 thru 3 Hp

NEMA 56C thru 184TC

**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	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	588	K	23	20
1/3	1750	56C	90	100/50	3.4	.4/8	CD3433	642	K	24	20
			180	200/100	1.9	.21/42	CD3434	642	K	24	20
			90	100/50	3.7	.5/1	CD5333 (a)(d)	926	K	32	20
1/2	1750	56C	90	100/50	5.7	.5/1	CD3450	730	K	29	20
			180	200/100	2.6	.25/5	CD3451	730	K	29	20
			90	100/50	5	.44/88	CD5350 (d)	1,024	K	38	20
3/4	1750	56C	90	100/50	7.8	.6/1.2	CD3475	909	K	34	20
			180	200/100	3.9	.3/6	CD3476	909	K	34	20
			90	100/50	8	.6/1.2	CD5375 (d)	1,205	K	47	20
1	1750	56C	180	200/100	5	.3/6	CD5318 (d)	1,283	K	53	20
			90	100/50	10	.6/1.2	CD5319 (d)	1,283	K	52	20
		182C	180	200/100	5	.25/5	CD6218	1,715	L1	65	20
			90	100/50	9.6	.55/1.1	CD6219	1,715	L1	64	20
1 1/2	1750	182C	180	200/100	7.5	.25/5	CD6215	1,921	L1	82	20
2	1750	182C	180	200/100	9.5	.4/8	CD6202	2,272	L1	96	20
3	1750	184TC	180	200/100	14.7	.6/1.2	CD6203	2,580	L1	135	8, 73
<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)	2,330	L1	103	2
3/4	1750	182CZ	90	100/50	7	.55/1.1	CDX1875 (b)	3,087	L1	102	2
1	1750	182CZ	180	200/100	5	.25/5	CDX2001 (b)	3,841	L1	105	2
		182C	180	200/100	5	.25/5	CDX7100	3,187	L1	103	2
1 1/2	1750	182C	180	200/100	7.5	.25/5	CDX7150	4,221	L1	118	2
2	1750	182C	180	200/100	9.5	.4/8	CDX7200 (b)	4,741	L1	137	2

**NOTE:** See Tach Generators on page 283 and Mounting Kits on page 284. 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 and pages 5-6.

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

HVAC Motors

Farm Duty Motors

Definite Purpose 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