

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

1/4 thru 10 Hp

NEMA 56C thru 256UC

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	516	K	23	20
1/3	1750	56C	90	100/50	3.4	.4/8	CD3433	563	K	24	20
			180	200/100	1.9	.21/.42	CD3434	563	K	24	20
			90	100/50	3.7	.5/1	CD5333 (a)(d)	812	K	32	20
1/2	1750	56C	90	100/50	5.7	.5/1	CD3450	640	K	29	20
			180	200/100	2.6	.25/.5	CD3451	640	K	29	20
			90	100/50	5	.44/.88	CD5350 (d)	898	K	38	20
3/4	1750	56C	90	100/50	7.8	.6/1.2	CD3475	797	K	34	20
			180	200/100	3.9	.3/6	CD3476	797	K	34	20
			90	100/50	8	.6/1.2	CD5375 (d)	1057	K	47	20
1	1750	56C	180	200/100	5	.3/6	CD5318 (d)	1126	K	53	20
			90	100/50	10	.6/1.2	CD5319 (d)	1126	K	52	20
		182C	180	200/100	5	.25/.5	CD6218	1505	L1	65	20
			90	100/50	9.6	.55/1.1	CD6219	1505	L1	64	20
1 1/2	1750	182C	180	200/100	7.5	.25/.5	CD6215	1686	L1	82	20
2	1750	182C	180	200/100	9.5	.4/8	CD6202	1994	L1	96	20
		213C	180	200/100	10	.3/6	CD7502 (d)	3499	L1	129	20
3	1750	184TC	180	200/100	14.7	.6/1.2	CD6203	2264	L1	137	8, 73
		215C	180	200/100	14.5	.4/8	CD7503 (d)	3721	L1	179	20
5	1750	215C	240	300/150	17.5	.2/4	CD7505 (d)	4809	L1	199	20
		256UC	180	200/100	23	1/2	CD9105 (d)	6526	L1	299	20
7 1/2	1750	256UC	240	300/150	27	.7/1.08	CD9175 (d)	7740	L1	299	20
10	1750	256UC	240	300/150	35	.65/1.3	CD9110 (d)	8536	L1	335	20
Explosion-Proof - Continuous Duty - Class I, Group D & Class II, Group F & G - 1.0 S.F.											
1/2	1750	182CZ	90	100/50	4.9	.55/1.1	CDX1850 (b)	2045	L1	103	2
3/4	1750	182CZ	90	100/50	7	.55/1.1	CDX1875 (b)	2709	L1	100	2
1	1750	182CZ	180	200/100	5	.25/.5	CDX2001 (b)	3371	L1	105	2
		182C	180	200/100	5	.25/.5	CDX7100	2797	L1	103	2
1 1/2	1750	182C	180	200/100	7.5	.25/.5	CDX7150	3704	L1	121	2
2	1750	182C	180	200/100	9.5	.4/8	CDX7200 (b)	4161	L1	135	2
3	1750	215CY*	180	200/100	14.5	.4/8	CDX7513 (b)	7279	L1	259	2

NOTE: See Tach Generators on page 301 and Mounting Kits on page 302. 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 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