

Definite purpose

Shunt wound SCR drive motors, explosion proof, TEFC, C-Face with base

1/2 thru 2 Hp

Unit Handling



Brake

Features:

- Designed for use with NEMA type K SCR control
- 20:1 constant torque speed range
- NEMA C-Face and removable base
- Normally closed thermostat on field winding
- Class F insulation
- 1.0 SF
- UL and CSA Division 1, Class I, Group D, Class II, Group F&G

Applications:

- Conveyors
- Printing and textile equipment

50 Hertz

Variable Speed AC

DC

Accessories

Service

Grinders

Motor Mod

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.	Field	Arm.	Field							
Explosion-proof – continuous duty – Division 1, 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)	②	T3B	4,696	WFS	100	2
3/4	1750	182CZ	90	100/50	7	.55/1.1	CDX1875 (b)	②	T3B	6,218	WFS	100	2
1	1750	182CZ	180	200/100	5	.25/5	CDX2001 (b)	②	T3B	7,734	WFS	102	2
		182C	180	200/100	5	.25/5	CDX7100	②	T3B	6,420	WFS	102	2
1 1/2	1750	182C	180	200/100	7.5	.25/5	CDX7150	②	T3B	8,502	WFS	121	2
2	1750	182C	180	200/100	9.5	.4/8	CDX7200 (b)	②	T3B	9,547	WFS	135	2

Notes: (a) See notes on inside back flap

(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.abb.com for details.

② Class I, Group D; Class II, Group F&G

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.