



Product Information Packet

CD1805R

5HP,1750RPM,DC,1810ATCZ,DPG,

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	609980-503
Frame:		Mounting:		Poles:	00	Created Date:	02-17-2014
Base:		Rotation:	R	Insulation:		Eff. Date:	10-28-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs			
Frame:	DC1810ATCZ		
Frame Material:	Exposed Laminations		
Agency Approvals:	CCSA US		
Base Indicator:	Rigid		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
Frame Prefix:	DC		
Heater Indicator:	No Heater		
Insulation Class:	F		
Lifting Lugs:	Standard Lifting Lugs		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		

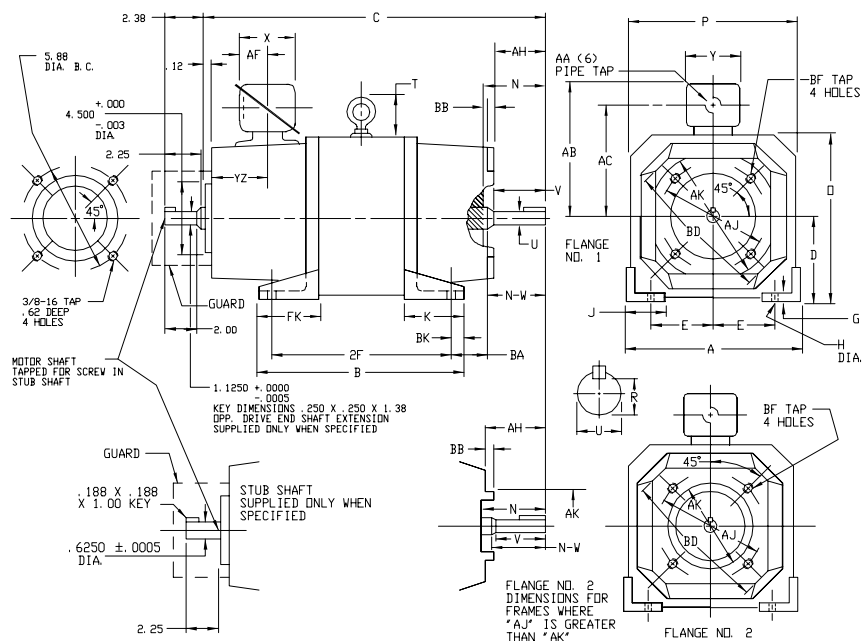
Nameplate 000613006HP

CAT.NO.	CD1805R	SPEC NO.	T18R1105		
FR	DC1810ATCZ	HP	5	DUTY	CONT
ENCL.	DP	RPM	1750	S.F.	1.0
ENCL MOD		VOLTS	180	INSUL	F
MAX SAFE SPEED		AMPS	24.00	AMB.	40
FIELD DATA		SER.NO.			
WINDING	STR. SHUNT	POWER CODE	2/2-230-60-0		
VOLTS	200	D.E. BRG.	30BC02JPP30A		
MAX AMPS @ 25 C		O.D.E. BRG.	30BC02JPG30A		
HOT AMPS		MIN. AMB.		TYPE	
FLD. DATA FOR HIGH VOLTS					
FLD.VOLTS 100/200					

Parts List		
Part Number	Description	Quantity
SA279101	SA T18R1105	1.000 EA
AA015311	AA T18R1105	1.000 EA
000613006HP	NAMEPLATE - RPM III D-C MOTOR W/CSA LOGO	1.000 EA
000692000FP	NP, WARNING LIFT INSTRUCTIONS	1.000 EA
000692000FS	WARNING LABEL	1.000 EA
036170004EA	ROUND HEAD DRIVE SCREW	6.000 EA
406770007	C/D TAG	1.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	1.000 EA
036010010GB	M5-.8 X 10 HXWHD SCREW	2.000 EA
419904050A	BRUSH N	2.000 EA
610470003R	BRASY METRIC	1.000 EA
418007020AB	DC FRAME INSULATION C1811/DC1810/GK1104	1.000 EA
609831002B	ENLAM AM PLAS	2.000 EA
036000050HB	MHHCS M6X50MM PLATED	2.000 EA
036500009AB	METRIC NUTM8-1.25PLTD-360	4.000 EA
036500009AB	METRIC NUTM8-1.25PLTD-360	4.000 EA
400638001C	WSHR	1.000 EA
609830005K	TBOLT METRIC RP609830-	4.000 EA
801758058AA	BRKT,DE,DC180	1.000 EA
801758061A	BRKT,ODE,DC180	1.000 EA
032018004CK	HHCS 3/8-16X1/2L PLATED	4.000 EA
033518006LB	HWHMS, .75IN 1/4-20	2.000 EA
033520003JE	SHWHS	1.000 EA
036000012HB	HHCS M6X12MM LONG PLATED	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
036620008AB	M6 METRIC EXT LOCKWASHER	1.000 EA
06CB3500	BALDOR CONDUIT BOX LID	1.000 EA
06GS1001	BALDOR CONDUIT BOX GASKET	1.000 EA
418018074A	GROUND LABEL G100 METRIC 160 D.C.	1.000 EA
422919190	HHCVR KIT,DC180,DE, LOUVERED	1.000 EA
422919190	HHCVR KIT,DC180,DE, LOUVERED	1.000 EA
422919190	HHCVR KIT,DC180,DE, LOUVERED	1.000 EA
422919199	CVRKT FE	1.000 EA
422919201	CVRKT FE	1.000 EA
422919201	CVRKT FE	1.000 EA
422919201	CVRKT FE	1.000 EA
706305020A	GUARD, SHAFT	1.000 EA
706310300A	COND BOX	1.000 EA
000640000P	TAG WINDING THERMOST	1.000 EA
000692000NF	NP 2POLE METRIC LABEL	1.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
MG1025N19	WILKOFEST, 778.50, RELIANCE BLUE-GREEN	0.200 GA
PA1100	PACK FOR #1 SKID; CUSTOM	1.000 EA
LB1171	LABEL CARTON 6X6 ON LINE BLANK	1.000 EA
482413015Y	#15 SLVG	6.000 FT
482413010Y	#10 SLEEVING (GREEN)	6.000 FT
041009029B	CONNECTOR, RTD	4.000 EA
041009029D	12-10BUTT CONNECTOR 350 J	3.000 EA
MN604	INSTALLATION MANUAL, RPM III DC DC180-DC	1.000 EA

ENCLOSURE:DRIP-PROOF FULLY-GUARDED SPLASHPROOF, TOTALLY ENCLOSED	MOUNTING:FOOT,"C" FACE METHOD OF DRIVE:COUPLED OR BELTED	COOLING:SELF-VENTILATED NON-VENTILATED	ACCESSORIES:PROVISIONS FOR TACHOMETER MOUNTING ONLY WHEN SPECIFIED
DC180ATY-DC180ATCZ			



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	B (K1)	E	G	H	J	K	FK	BK	D	P	T	BA	BB	BD	BF	TAP	BF TAP	AJ	AK (A)	A.C. SHEET EXT. REF.
DC1809ATY	NL 2	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	12	.75	3/8-16		62	5.88	4.500	1401C EXT.
DC1809ATCZ	NL 1	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	25	.75	1/2-13		68	7.25	5.500	1801C EXT.
DC1810ATY	NL 2	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	12	.75	3/8-16		62	5.88	4.500	1401C EXT.
DC1810ATCZ	NL 1	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	25	.75	1/2-13		68	7.25	5.500	1801C EXT.
DC1811ATY	NL 2	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	12	.75	3/8-16		62	5.88	4.500	1401C EXT.
DC1811ATCZ	NL 1	9.00	4.50	3.75	.31	.44	1.50	3.56	3.56	.50	8.88	8.75	1.88	2.75	25	.75	1/2-13		68	7.25	5.500	1801C EXT.

- (1) "D" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
- (2) "U" VARIES +.0000, -.0005.
- (4) "K" VARIES +.0000, -.0005.
- FACE RUNOUT AND ECCENTRICITY .004 MAX. T. I. R.

- (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF
OPP. DRIVE END, ADD .25 TO 'C' DIM. FOR BRACKET COVER.
- (6) TERMINAL BOX CAN BE ROTATED TO REPOSITION CONDUIT
CONNECTION.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED
CONSULT FACTORY.

MOTOR WEIGHT MAY VARY 15% FOR NON-STANDARD RATINGS AND/OR ACCESSORIES.

FRAME	FLANGE	C(S)	B	2F	DRIVE END SHAFT AND KEY								TERMINAL ROD DIMENSIONS							
					N	N-V	(K-2)	V	AH	R(K-3)	SO	LGTH	AA	AC	AF	X	Y	YZ	WT.	
DC189ATV	ND	2	18.81	11.12	10.00	2.42	2.25	8.750	2.00	2.12	77.1	188.138	3.4	6.88	5.56	1.693	3.88	3.25	130	
DC189ATCZ	ND	1	18.41	11.62	10.00	3.06	2.88	1.020	2.62	6.86	250.181	3.4	6.88	5.56	1.693	3.88	3.25	130		
DC1810ATV	ND	1	19.56	12.38	11.00	2.42	2.25	8.750	2.00	2.12	77.1	188.138	3.4	6.88	5.56	1.693	3.88	3.25	155	
DC1810ATCZ	ND	1	20.19	12.38	11.00	3.06	2.88	1.020	2.62	6.86	250.181	3.4	6.88	5.56	1.693	3.88	3.25	155		
DC1811ATV	ND	2	21.66	13.88	12.50	2.42	2.25	8.750	2.00	2.12	77.1	189.138	3.4	6.88	5.56	1.693	3.88	3.25	185	
DC1811ATCZ	ND	1	21.66	13.88	12.50	3.06	2.88	1.020	2.62	6.86	250.181	3.4	6.88	5.56	1.693	3.88	3.25	185		

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: RELOAD TO BUS		
REV. LTR: A	VERSION: 01	TDR: 000000956570
FILE: \RSN\00031\917	REVISED: 01:19:35 12/11/2015	BY: USPABLO
MTL: -		

BALDOR
DIMENSION DRAWING,DC180ATY – DC180ATCZ,DPP,TENV,FOOT MTG.