

# **BALDOR**® • ***RELIANCE***

## **Product Information Packet**

# **D1815R**

**1.50HP,1750RPM,DC,189ATY,TENV,**

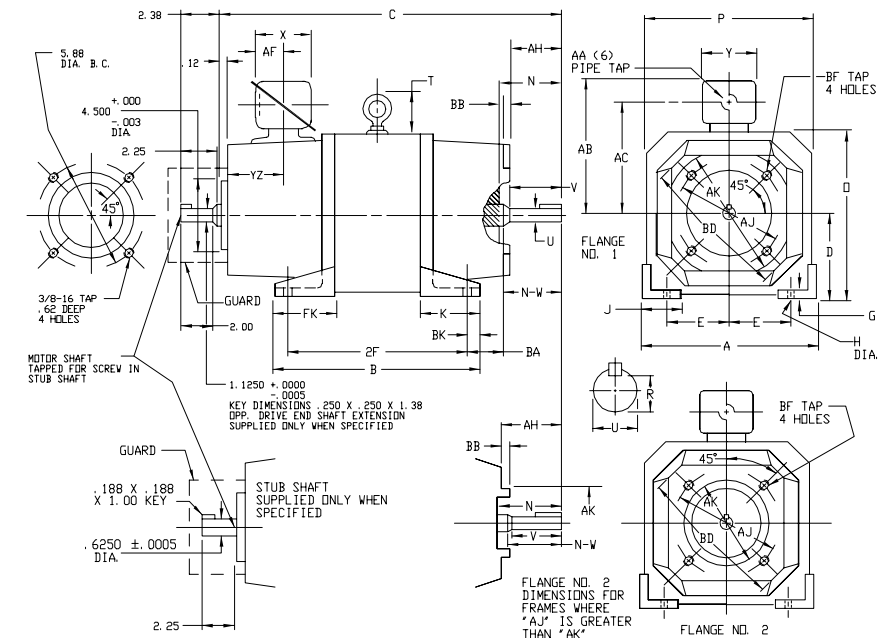
Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:		Mfg Plant:		Mech. Spec:		Layout:	609980-503
Frame:		Mounting:		Poles:	00	Created Date:	02-17-2014
Base:		Rotation:	R	Insulation:		Eff. Date:	10-28-2016
Field Type:		Literature: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

Specs			
Frame:	DC0189ATY		
Frame Material:	Exposed Laminations		
Agency Approvals:	CCSA US		
Bearing Grease Type:	Polyrex EM (-20F +300F)		
Drip Cover:	No Drip Cover		
Feedback Device:	NO FEEDBACK		
Frame Prefix:	DC		
Heater Indicator:	No Heater		
Lifting Lugs:	Standard Lifting Lugs		
Shaft Extension Location:	Pulley End		
Shaft Ground Indicator:	No Shaft Grounding		
Shaft Slinger Indicator:	No Slinger		
Motor Standards:	NEMA		



609980-503

**INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III**  
 ENCLOSURE:DRIP-PROOF FULLY-GUARDED MOUNTING:FOOT,"C" FACE COOLING:SELF-VENTILATED ACCESSORIES:PROVISIONS FOR  
 SPLASHPROOF, TOTALLY ENCLOSED METHOD OF DRIVE:COUPLED OR BELTED NON-VENTILATED TACHOMETER MOUNTING  
 ONLY WHEN SPECIFIED  
 DC180ATY-DC180ATCZ



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	BK(1)	E	G	H	J	K	FK	BK	D	P	T	BA	BB	BD	BF TAP	BF DEPTH	AJ	AK(4)	A.C. SHAFT EXT. REF.
DC189ATY	ND 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	8.75	3/8-16	.62	5.88	4.500	140TC EXT.
DC189ATCZ	ND 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	8.75	1/2-13	.88	7.25	8.500	180TC EXT.
DC1810ATY	ND 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	8.75	3/8-16	.62	5.88	4.500	140TC EXT.
DC1810ATCZ	ND 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	8.75	1/2-13	.88	7.25	8.500	180TC EXT.
DC1811ATY	ND 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	8.75	3/8-16	.62	5.88	4.500	140TC EXT.
DC1811ATCZ	ND 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	8.75	1/2-13	.88	7.25	8.500	180TC EXT.

FRAME	FLANGE	C(5)	B	2F	DRIVE END SHAFT AND KEY										TERMINAL BOX DIMENSIONS				WT. LBS.	
					N	N-W	UK(2)	V	AH	R(3)	SG	LGTH	AA	AB	AC	AF	X	Y		YZ
DC189ATY	ND 2	18.81	11.62	10.00	2.44	2.25	.8750	2.00	2.12	.771	.188	1.38	3/4	6.88	5.56	1.69	3.38	3.88	3.25	130
DC189ATCZ	ND 1	19.44	11.62	10.00	3.06	2.88	1.1250	2.62	2.62	.986	.250	1.81	3/4	6.88	5.56	1.69	3.38	3.88	3.25	130
DC1810ATY	ND 2	19.56	12.38	11.00	2.44	2.25	.8750	2.00	2.12	.771	.188	1.38	3/4	6.88	5.56	1.69	3.38	3.88	3.25	155
DC1810ATCZ	ND 1	20.19	12.38	11.00	3.06	2.88	1.1250	2.62	2.62	.986	.250	1.81	3/4	6.88	5.56	1.69	3.38	3.88	3.25	155
DC1811ATY	ND 2	21.06	13.88	12.50	2.44	2.25	.8750	2.00	2.12	.771	.188	1.38	3/4	6.88	5.56	1.69	3.38	3.88	3.25	185
DC1811ATCZ	ND 1	21.69	13.88	12.50	3.06	2.88	1.1250	2.62	2.62	.986	.250	1.81	3/4	6.88	5.56	1.69	3.38	3.88	3.25	185

- (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.
  - (3) \*FK\* VARIES +.0000, -.0005. FACE RUNDOT AND ECCENTRICITY .004 MAX. T. I. R.
  - (4) \*AK\* VARIES +.0000, -.0005.
  - (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF DPP, 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.

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

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

**BALDOR**

DIMENSION DRAWING,DC180ATY - DC180ATCZ,DPP,TENV,FOOT MTG.

SH 1 of 1

609980-503