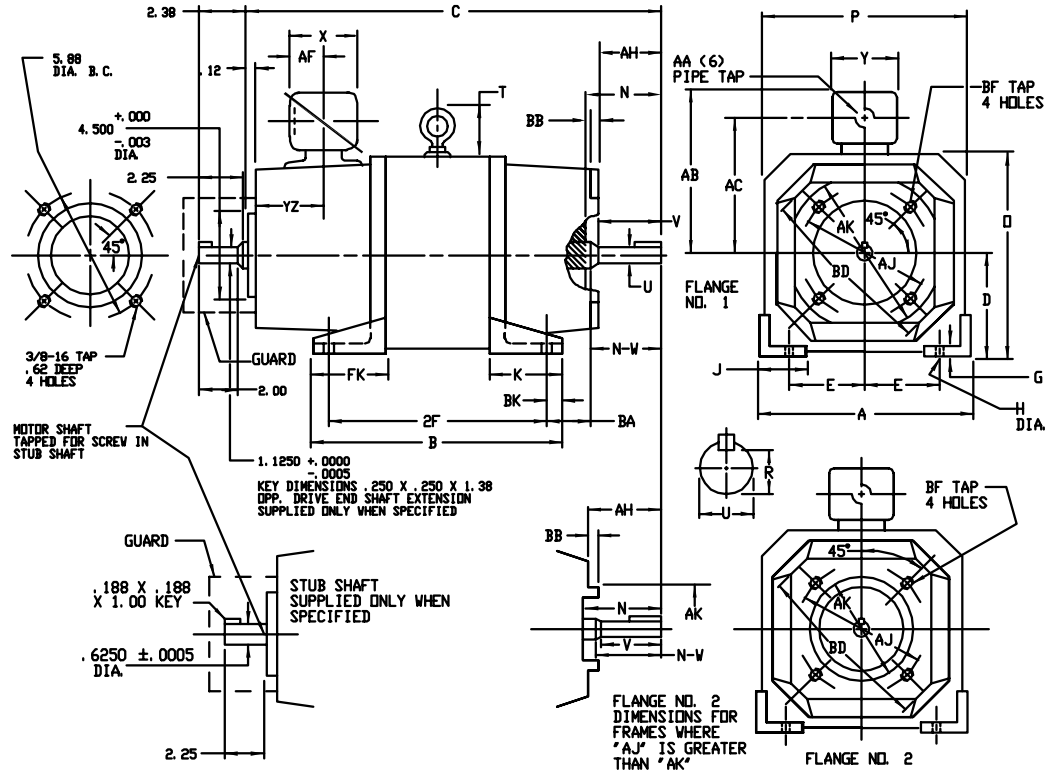


# INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

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

## DC180ATY-DC180ATCZ



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	DK (1)	E	G	H	J	K	FK	BK	D	P	T	BA	BB	BD	BF TAP	BF TAP 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-V (K2)	Y	AH	RC (3)	SP	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	1.188	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	1.250	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	1.188	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	1.250	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	1.188	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	1.250	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) "BK" VARIES +.0880, -.0880. FACE ROUNDT AND ECCENTRICITY .004 MAX. T. I. R.

- (5) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF DPP, DRIVE END, ADD .25 TO "C" DIM. FOR BRACKET COVER.
- (6) TERMINAL BDX 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: 00000956570
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