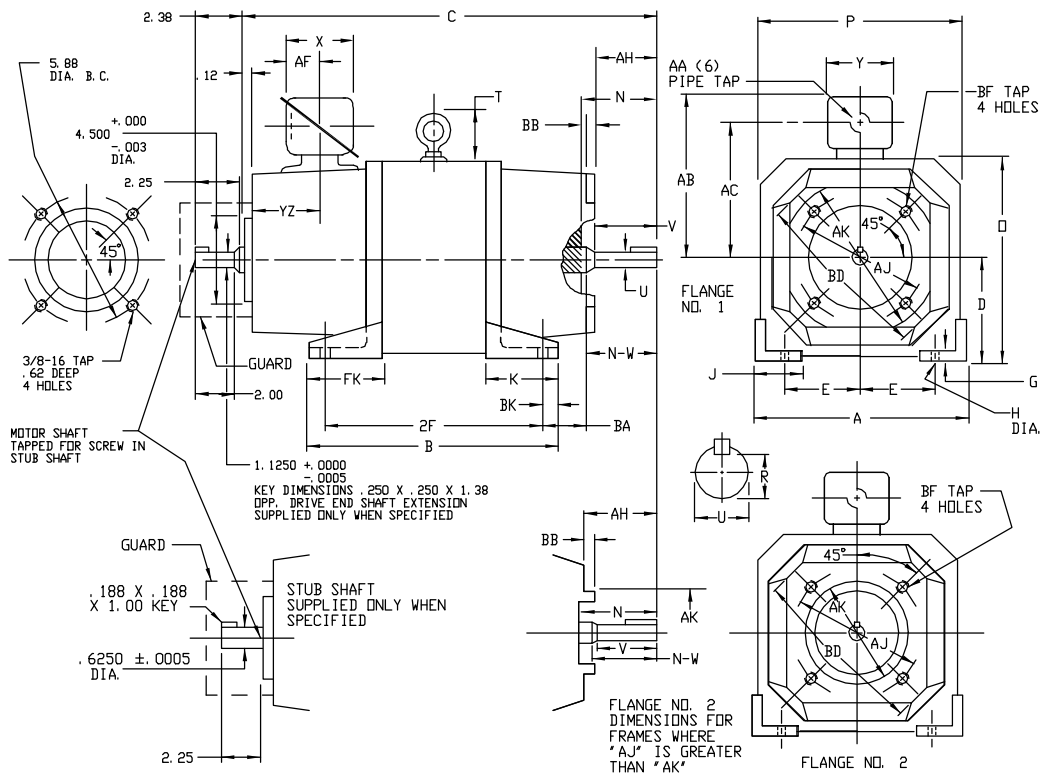


INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS – RPM III

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



DIMENSIONS ARE IN INCHES

FRAME	FLANGE	A	B	C	D	E	G	H	J	K	FK	BK	D	P	T	BA	BBX7	BD	BF	TAP	BF TAPTH	AJ	AKK4	A.C SHAFT EXT. REF.
DC189ATY	NO. 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	NO. 1	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	1/2-13	.88	7.25	8.500	180TC EXT.			
DC1810ATY	NO. 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	NO. 1	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	1/2-13	.88	7.25	8.500	180TC EXT.			
DC1811ATY	NO. 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	NO. 1	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	1/2-13	.88	7.25	8.500	180TC EXT.			

FRAME	FLANGE	C(S)	B	2F	DRIVE END SHAFT AND KEY										TERMINAL BOX DIMENSIONS										LBS.
					N	N-W	U-2	V	AH	R(3)	SO	LGTH	AA	AB	AC	AD	X	Y	YZ						
DC189ATY	NO. 2	18.81	11.62	10.00	2.44	2.85	1.8750	2.00	2.12	7.17	1.88	1.38	1.00	7.30	6.11	2.19	4.38	3.75	3.25	130					
DC189ATCZ	NO. 1	19.44	11.62	10.00	3.06	2.68	1.250	2.62	2.62	6.62	986	2.58	1.81	1.00	7.30	6.11	2.19	4.38	3.75	3.25	130				
DC1810ATY	NO. 2	19.56	12.38	11.00	2.44	2.85	1.8750	2.00	2.12	7.17	1.88	1.38	1.00	7.30	6.11	2.19	4.38	3.75	3.25	155					
DC1810ATCZ	NO. 1	20.19	12.38	11.00	3.06	2.88	1.250	2.62	2.62	6.62	986	2.58	1.81	1.00	7.30	6.11	2.19	4.38	3.75	3.25	155				
DC1811ATY	NO. 2	21.06	13.88	12.50	2.44	2.85	1.8750	2.00	2.12	7.17	1.88	1.38	1.00	7.30	6.11	2.19	4.38	3.75	3.25	185					
DC1811ATCZ	NO. 1	21.69	13.88	12.50	3.06	2.88	1.250	2.62	2.62	6.62	986	2.58	1.81	1.00	7.30	6.11	2.19	4.38	3.75	3.25	185				

- (1) "D" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .06 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES. TOLERANCE +.00/-.06
- (2) "U" VARIES +.0000, -.0005.
- (3) "R" VARIES +.000, -.015.
- (4) "AK" VARIES +.000, -.003.
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.
- (7) "BB" OF .25 IS A MINIMUM VALUE.

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: REVISE "D" DIM TOLERANCE		
REV. LTR: D	VERSION: 04	TDR: 000001148815
FILE: \RGG\00030\373	REVISED: 03:18:10 09/15/2020	BY: RGGNAS
MTL: -		

BALDOR - RELIANCE®

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

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