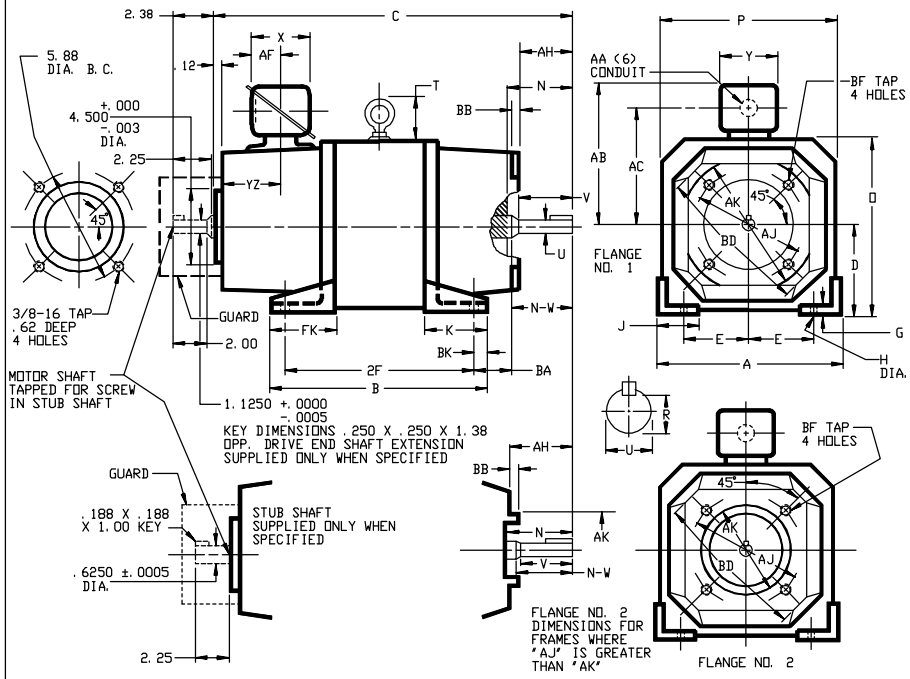
609980-503

INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS – RPM III

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	D(1)	E	G	H	J	K	FK	BK	O	P	T	BA	BB	BD	BF TAP	BF TAP DEPTH	AJ	AK(4)	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	.25	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	.25	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	.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	U(2)	V	AH	R(3)	SQ.	LGTH	AA	AB	AC	AF	X	Y	YZ	
DC189ATY	NO. 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	NO. 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	NO. 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	NO. 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	NO. 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	NO. 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) '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.

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: LOADED TO BUS			BALDOR
REV. LTR: –	VERSION: 00	TDR: 000000577407	
FILE: \RGG\00015\707	REVISED: 02:13:39 01/26/2011	BY: CONNAS	DIMENSION DRAWING,DC180ATY – DC180ATCZ,DPP,TENV,FOOT MTG.
MTL: –			SH 1 of 1

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