

INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS – RPM III

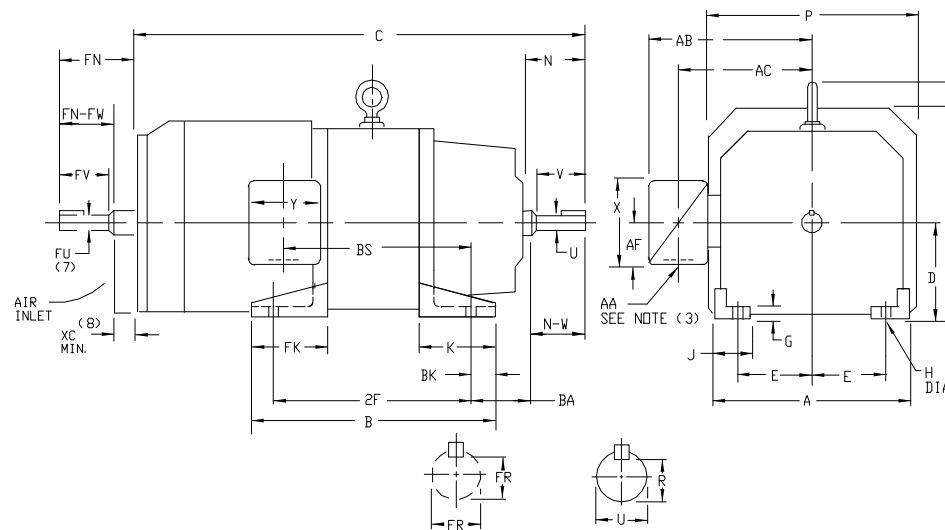
ENCLOSURE: TOTALLY ENCLOSED

COOLING: FAN COOLED

MOUNTING: FOOT

METHOD OF DRIVE: COUPLED OR BELTED

FRAMES C180ATZ



DIMENSIONS ARE IN INCHES

FRAME	A	D(1)	E	G	H	J	D	P	T	BA	K	FK	BK	XC(8)
C1811ATZ-C1812ATZ	9.00	4.50	3.75	.31	.44	1.50	9.50	10.00	1.88	2.75	4.38	4.38	.50	1.00

FRAME	C	B	BS	2F	DRIVE END SHAFT AND KEY							OPPOSITE DRIVE END SHAFT AND KEY (7)							WT. LBS.
					N	N-W	UK(2)	V	R(4)	SQ.	LGTH	FN	FN-FW	FU(2)	FV	FR(4)	SQ.	LGTH	
C1811ATZ	27.31	14.00	11.00	12.50	3.00	2.75	1.3750	2.50	1.201	.312	1.75	3.25	2.25	1.1250	2.00	.986	.250	1.38	200
C1812ATZ	28.81	15.50	12.50	14.00	3.00	2.75	1.3750	2.50	1.201	.312	1.75	3.25	2.25	1.1250	2.00	.986	.250	1.38	235

STEEL TERMINAL BOX DIMENSIONS															
FRAME	MAX. AMPS	STANDARD SIZE					PART NUMBER	ONE SIZE LARGER					PART NUMBER		
		AA(5)	AB	AC	AF	X		Y	AA(5)	AB	AC	AF		X	Y
C180ATZ	40	3/4 & 1"	7.31	5.75	1.94	4.38	5.00	705028-1-R	1-1/4 & 1-1/2	8.31	6.31	2.50	5.50	6.12	705029-1-R
	96	1-1/4 & 1-1/2	8.31	6.31	2.50	5.50	6.12	705029-1-R	2" & 2-1/2	9.44	6.69	3.19	7.00	7.62	705030-1-R

CAST IRON TERMINAL BOX DIMENSIONS															
FRAME	MAX AMPS	STANDARD SIZE					PART NUMBER	ONE SIZE LARGER					PART NUMBER		
		AA(6)	AB	AC	AF	X		Y	AA(6)	AB	AC	AF		X	Y
C180ATZ	18	3/4	9.38	7.38	2.50	5.00	5.75	705028-2-S	1	9.38	7.38	2.50	5.00	5.75	705028-2-T
	40	1	9.38	7.38	2.50	5.00	5.75	705028-2-T	1-1/2	10.31	7.88	3.00	6.00	7.00	705029-2-R
	96	1-1/2	10.31	7.88	3.00	6.00	7.00	705029-2-R	2	10.31	7.88	3.00	6.00	7.00	705029-2-S

- (1) "D" DIMENSION WILL NOT BE EXCEEDED. SHIMS UP TO .03 INCHES IN THICKNESS ARE USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
(2) "U" AND "FU" VARY +.0000 -.0005
(3) TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDES OR BOTTOM
FOR "X/P" TERMINAL BOX DIMENSIONS SEE 609989-1.
FOR MILL TYPE TERMINAL BOX DIMENSIONS SEE 609989-2.
(4) "R" AND "FR" VARY +.000, -.015.
(5) AA CONDUIT, TERMINAL BOX PROVIDED WITH DOUBLE KNOCKOUT.
(6) AA PIPE TAP
(7) OPPOSITE DRIVE END SHAFT SUPPLIED ONLY WHEN SPECIFIED.
(8) WALLS OR OBSTRUCTIONS MUST NOT ENCRDACH ON AIR INLET SPACE "XC".

TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7 OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED.

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

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

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

REV. DESC: REVISED DRAWING	VERSION: 01	TDR: 000000861772
REV. LTR: A	REVISD: 12:42:36 08/15/2014	BY: RSNPSB
MTL: -		

BALDOR

DIMENSION DRAWING, C180ATZ, TEFC, FOOT MTG.

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