

INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

ENCLOSURE: DRIP-PROOF FULLY-GUARDED,
SPLASHPROOF

COOLING: FORCE VENTILATED
WITH INTEGRAL
BLOWER AND MOTOR

MOUNTING:FOOT
METHOD OF DRIVE:COUPLED OR BELTED

ACCESSORIES: PROVISION FOR
TACHOMETER MOUNTING
ONLY WHEN SPECIFIED

FRAMES SC2512ATZ THRU UC2515ATZ

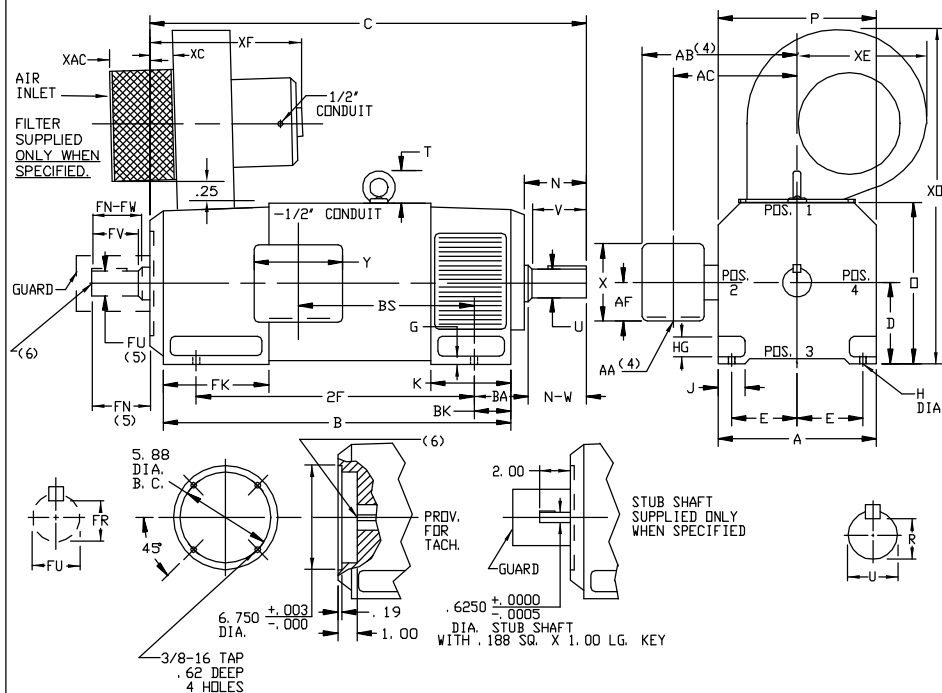
DIMENSIONS ARE IN INCHES

FRAME	XAC	XC	XE	XF	XO
SC2512ATZ-UC2515ATZ	7.25	3.00	9.50	16.75	24.7

FRAME	A	DX 1)	E	COEFFICIENT		COEFFICIENT		FIB	SIG	SIG	TORG	ETRG		
				G	H	HG	J					D	P	T
SC2512ATZ-UC2515ATZ	12.31	6.25	5.00	.50	.56	1.62	2.00	12.50	12.44	2.44	4.25	6.06	8.00	3.0

FRAME	METHOD OF DRIVE	DRIVE END SHAFT AND KEY										OPPOSITE DRIVE END SHAFT AND KEY(S)								MT. LBS.
		C(7)	B	BS	2F	N	N-W	U2C	V	R(3)	SQ.	LGTH.	FN	FN-FW	FUC(2)	FV	FR(3)	SQ.	LGTH.	
SC2512ATZ	COUPLED	31.69	25.06	12.06	20.00	4.50	4.25	2.125	4.00	1.845	.900	3.00	4.00	3.75	1.875	3.50	1.991	.900	2.50	
MC2512ATZ	COUPLED	33.19	26.56	13.56	20.00	4.50	4.25	2.125	4.00	1.845	.900	3.00	4.00	3.75	1.875	3.50	1.991	.900	2.50	
LC2512ATZ	COUPLED	34.69	28.06	15.06	20.00	4.50	4.25	2.125	4.00	1.845	.900	3.00	4.00	3.75	1.875	3.50	1.991	.900	2.50	
C2514ATZ	COUPLED	38.44	31.31	18.31	25.00	5.00	4.75	2.375	4.50	2.021	.625	3.50	4.00	3.75	1.875	3.50	1.991	.900	2.50	
SC2515ATZ	COUPLED	42.44	35.31	22.31	28.00	5.00	4.75	2.375	4.50	2.021	.625	3.50	4.00	3.75	1.875	3.50	1.991	.900	2.50	
UC2514ATZ	BELTED	38.44	31.31	18.31	25.00	5.00	4.75	2.375	4.50	2.021	.625	3.50	4.00	3.75	1.875	3.50	1.991	.900	2.50	
UC2515ATZ	BELTED	42.44	35.31	22.31	28.00	5.00	4.75	2.375	4.50	2.021	.625	3.50	4.00	3.75	1.875	3.50	1.991	.900	2.50	

- (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-----, 000 - 001
- (3) "R" AND "FR" VARY-----, 000 - 015
- (4) TERMINAL BOX VARIES WITH H.P. FOR DIMENSIONS "AA", "AB", "AC", "AC", "AF", "X" AND "Y". REFER TO P.D. 609595-3.D. 609595-3, "X" & "Y" DIMENSIONS, P.D. 609595-3.D.
- (5) OPPOSITE DRIVE END SHAFT SUPPLIED ONLY WHEN SPECIFIED.
- (6) MOTOR SHAFT TAPPED FOR SCREW-IN STUB SHAFT.
- (7) WHEN THE MOTOR APPLICATION DOES NOT REQUIRE THE USE OF OPP. DRIVE END, ADD .25 TO "C" DIM. FOR BRACKET COVER.
- (8) TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLETS. 1 IDEAS OR BOTTOM TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN 2, W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED.
- (9) BLOWER ASSEMBLY CAN BE LOCATED AT POSITIONS 1, 2, OR 4, EXCEPT BLOWER ASSEMBLY AND TERMINAL BOX CAN BE LOCATED THE SAME POSITION.
- (10) MOTOR WEIGHT MAY VARY 15% FOR NON STANDARD RATINGS AND/OR ACCESSORIES.
- (11) 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: LOADED TO BUS	VERSION: 00	TDR: 000000578087
REV. LTR: —	REVISED: 11:06:09 01/28/2011	BY: CONNAS
FILE: \RGG\00015\979	MTL: —	

BALDOR

DIMENSION DRAWING,SC2512ATZ – UC2515ATZ,DPP,FOOT MTG

SH 1 of 1