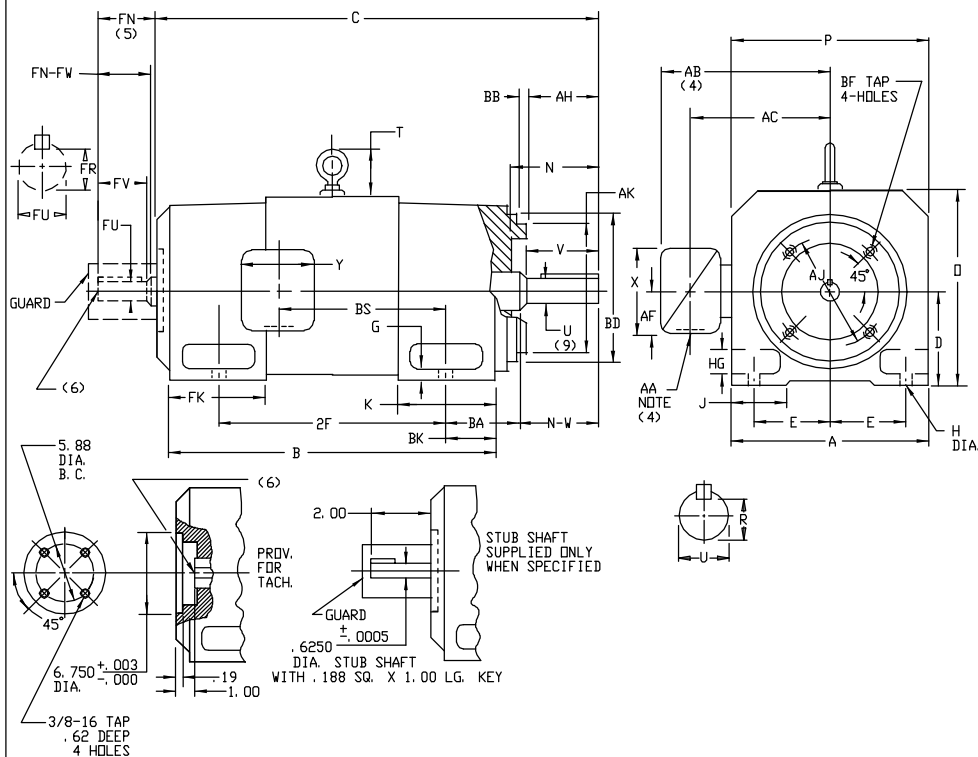


INDUSTRIAL DIRECT CURRENT MOTORS AND GENERATORS - RPM III

ENCLOSURE: DRIP-PROOF FULLY-GUARDED,
SPLASHPROOF, TOTALLY ENCLOSED
MOUNTING: FOOT, NEMA "C" FACE
METHOD OF DRIVE: COUPLED OR BELTED

COOLING: SELF-VENTILATED
NON-VENTILATED
ACCESSORIES: PROVISION FOR
TACHOMETER MOUNTING
ONLY WHEN SPECIFIED

FRAMES SC2113ATCZ THRU LC2812ATCZ
DRIVE END SHAFT PER NEMA AC MOTOR SHAFT



DIMENSIONS ARE IN INCHES

FRAME	BB	BD	BF TAP	BF TAP 'DEPTH'	AJ	AKC
SC2113ATCZ-LC2113ATCZ	.25	8.75	1/2-13	.75	7.25	8.500
SC2512ATCZ-LC2512ATCZ	.25	10.88	1/2-13	.75	7.25	8.500
MC2812ATCZ-LC2812ATCZ	.25	12.75	1/2-13	.75	9.00	10.500

FRAME	A	D(1)	E	G	H	HG	J	Q	P	T	BA	K	FK	BK
SC2113ATCZ- <u>LC2113ATCZ</u>	10.25	5.25	4.25	44	44	1.38	1.75	10.44	10.31	2.56	3.50	5.19	6.81	2.36
SC2512ATCZ- <u>LC2512ATCZ</u>	12.31	6.25	5.00	50	56	1.62	2.00	10.50	12.44	3.06	4.25	6.06	8.00	3.00
MC2812ATCZ- <u>LC2812ATCZ</u>	13.78	7.00	5.50	62	56	1.88	2.75	14.00	13.94	3.38	4.75	6.75	9.19	3.00

FRAME	C(7)	B	BS	2F	DRIVE END SHAFT AND KEY (9)								OPPOSITE DRIVE END SHAFT AND KEY(5)								WT LB
					N	N-V	U(2)	AH	V	R	C(2)	SQ	LGTH	FN	FN-FW	C(2)	FV	FRC(3)	SQ	LGTH	
SC2113ATCZ	28.00	22.50	11.38	18.00	3.62	3.38	1.3750	3.12	3.12	1.201	312	2.38	3.50	3.25	1.625	3.00	1.416	375	2.25	325	
MC2113ATCZ	29.25	23.75	12.62	18.00	3.62	3.38	1.3750	3.12	3.12	1.201	312	2.38	3.50	3.25	1.625	3.00	1.416	375	2.25	350	
LC2113ATCZ	30.88	25.38	14.25	18.00	3.62	3.38	1.3750	3.12	3.12	1.201	312	2.38	3.50	3.25	1.625	3.00	1.416	375	2.25	380	
SC2512ATCZ	31.44	25.06	12.06	20.00	4.25	4.00	1.625	3.75	3.75	1.416	375	2.88	4.00	3.75	1.875	3.50	1.591	500	2.50	510	
MC2512ATCZ	32.94	26.56	13.56	20.00	4.25	4.00	1.625	3.75	3.75	1.416	375	2.88	4.00	3.75	1.875	3.50	1.591	500	2.50	550	
LC2512ATCZ	34.44	28.06	15.06	20.00	4.25	4.00	1.625	3.75	3.75	1.416	375	2.88	4.00	3.75	1.875	3.50	1.591	500	2.50	590	
MC2812ATCZ	37.25	29.94	14.25	22.00	4.88	4.62	1.875	4.38	4.38	1.591	500	3.25	4.50	4.25	2.125	4.00	1.845	500	3.00	780	
LC2812ATCZ	39.50	32.19	16.50	22.00	4.88	4.62	1.875	4.38	4.38	1.591	500	3.25	4.50	4.25	2.125	4.00	1.845	500	3.00	860	

- (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-----  UP TO 1.625 DIA. +.000, -.0005.
(3) "R" AND "FR" VARY-----+.000 - .015
(4) TERMINAL BOX VARIES WITH H.P. FOR DIMENSIONS "AA", "AB", "AC", "AF", "X" AND "Y", REFER TO BOX D/S. (STD. 609959-1, "X"/P/ 609959-2, MILL 609959-3)
(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 OPPOSITE DRIVE END, ADD .25 TO .31 DIA. FOR BRACKET COVER
(8) "AK" VARIES +.000, -.003-----FACE RUNOUT AND ECCENTRICITY .004 MAX. T. I. R.
(9) DRIVE END SHAFT DIMENSIONS PER SAME FRAME SIZE NEMA "AC" MOTOR SHAFT.
TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP SIDES OR BOTTOM.
TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, W-1, W-4, W-5, W-7 OR "I" MOUNTING IS SPECIFIED.
MOTOR WEIGHT MAY VARY FOR NON-STANDARD RATINGS AND/OR ACCESSORIES.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
(10) SHAFT RUNOUT .002 MAX. T. I. R.

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

REV. DESC: ADD SHAFT RUNOUT NOTE		
REV. LTR: A	VERSION: 01	TDR: 000001187063
FILE: \RGG\00015\549	REVISED: 09:10:20 03/10/2022	BY: RGGNAS
MTL: —		

BALDOR - RELIANCE®

DIMENSION DRAWING,SC2113ATCZ – LC2812ATCZ,DPP,TENV,FOOT MTG

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