



FRAME	FOOT MOUNTING													D.E. SHAFT EXTENSION													DRIVE KEY					FRAME				
	BA	AB	E	2F	G	H	J	AH	AJ	AK	BR MIN.	BC	BD	THREAD	BF DEEP	N	N-W	U	V	W	KEY-SQ.	KEY-LONG	A	B	C	D	O	P								
1810ATC	2.75	3.75	11.00	.38	.406	1.50	2.125	7.250	8.500	.16	-	8.69	1/2-13	.75	2.90	2.77	1.125 ¹	2.13 ⁴	.13	.250	1.38	8.81	12.25	21.46	4.50 ³	9.00	9.00									
219ATC	3.50	4.25	11.00	.50	.406	2.00	2.50	7.250	8.500	.24	.25	8.75	1/2-13	1.00	3.00	2.75	1.375 ¹	2.50 ⁴	.25	.312	1.75	10.38	12.00	24.50	5.25 ³	10.47	10.44									
258ATC	4.25	5.00	12.50	.69	.531	2.25	3.00	7.250	8.500	.27	.25	8.75	1/2-13	.97	3.44	3.25	1.625 ¹	3.00 ⁴	.19	.375	2.31	12.38	14.00	26.50	6.25 ³	12.47	12.44									
259ATC	4.25	5.00	14.00	.69	.531	2.25	3.00	7.250	8.500	.27	.25	8.75	1/2-13	.97	3.44	3.25	1.625 ¹	3.00 ⁴	.19	.375	2.31	12.38	15.50	28.00	6.25 ³	12.47	12.44									
288ATC	4.75	5.50	14.00	.69	.531	2.50	3.50	9.000	10.500	.25	.25	10.75	1/2-13	.75	3.91	3.75	1.875 ¹	3.50 ⁴	.16	.500	2.50	13.81	15.62	32.00	7.00 ³	13.88	13.75									
328ATC	5.25	6.25	16.00	.81	.656	3.00	4.00	11.000	12.500	.25	.25	13.02	5/8-11	.88	4.40	4.25	2.125 ¹	4.00 ⁴	.15	.500	3.12	15.88	17.75	34.63	8.00 ³	15.94	15.88									
329ATC	5.25	6.25	18.00	.81	.656	3.00	4.00	11.000	12.500	.25	.25	13.02	5/8-11	.88	4.40	4.25	2.125 ¹	4.00 ⁴	.15	.500	3.12	15.88	19.75	36.63	8.00 ³	15.94	15.88									
3212ATC	5.25	6.25	25.00	.81	.656	3.00	4.00	11.000	12.500	.25	.25	13.02	5/8-11	1.12	4.40	4.25	2.125 ¹	4.00 ⁴	.15	.500	3.12	15.88	26.75	43.63	8.00 ³	15.94	15.88									

- 1) SHAFT DIAMETERS TO 1.500 TOLERANCE +.000 -.0005
SHAFT DIAMETERS ABOVE 1.500 TOLERANCE +.000 -.0010
SHAFT DIAMETERS TO 1.625 RUNOUT .002 T.I.R. MAX.
SHAFT DIAMETERS ABOVE 1.625 RUNOUT .003 T.I.R. MAX.
- 2) 'AK' DIMENSION UNDER 12.000 - DIAMETER TOLERANCE +.000 -.003
CONCENTRIC WITH SHAFT .004 T.I.R. MAX.
FACE RUNOUT WITH SHAFT .004 T.I.R. MAX.
FACE RUNOUT WITH SHAFT .004 T.I.R. MAX.
CONCENTRIC WITH SHAFT .007 T.I.R. MAX.
FACE RUNOUT WITH SHAFT .007 T.I.R. MAX.
- 3) 'D' DIMENSION TOLERANCE +.000 -.060
- 4) 'V' DIMENSION IS MAX. HUB LENGTH ON SHAFT
- 5) CONDUIT BOX CAN BE ROTATED IN 90° STEPS ON ITS OWN AXIS.
- 6) ALL DIMENSIONS NOT NOTED ARE NOMINAL DIMENSIONS CONSULT FACTORY FOR TOLERANCES.

FRAME	CONDUIT BOX										APPROXIMATE WEIGHT
	AA	AB	AC	AF	BS	BV	XL	XN	XL	XN	
1810ATC	3/4-1	7.91	6.44	2.44	9.38	13.13	3.81	3.12	3.81	3.12	200
219ATC	1 1/4	9.35	7.72	2.94	9.75	14.25	4.94	4.00	4.00	377	
259ATC	1 1/4	9.35	7.72	2.94	11.25	15.75	4.94	4.00	4.00	422	
288ATC	1 1/4	11.88	9.25	5.00	12.64	17.64	7.88	5.25	5.25	579	
328ATC	2	12.94	10.32	5.00	13.68	19.18	7.88	5.25	5.25	800	
329ATC	2	12.94	10.32	5.00	15.68	21.18	7.88	5.25	5.25	904	
3212ATC	2	12.94	10.32	5.00	22.68	28.18	7.88	5.25	5.25	937	

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

REV. DESC: REV. "D" DIM NEGATIVE TOL. FROM -.030 TO -.060

REV. LTR: E VERSION: 05 TDR: 000000738871

FILE: \RGG\00018\330 REVISED: 03:01:26 03/19/2012

MTL: - BY: RGGNAS DIM SHEET: 1810ATC THRU 3212ATC GENERATORS, F2 MTG

SH 1 of 1

