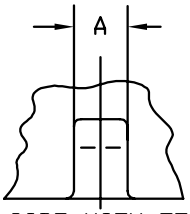
066930-018

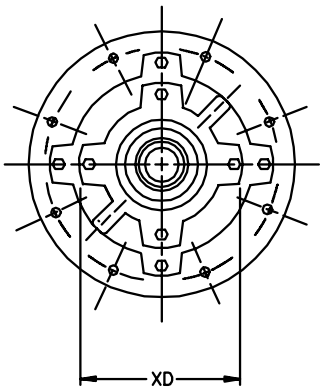
DUTY MASTER ALTERNATING CURRENT MOTORS

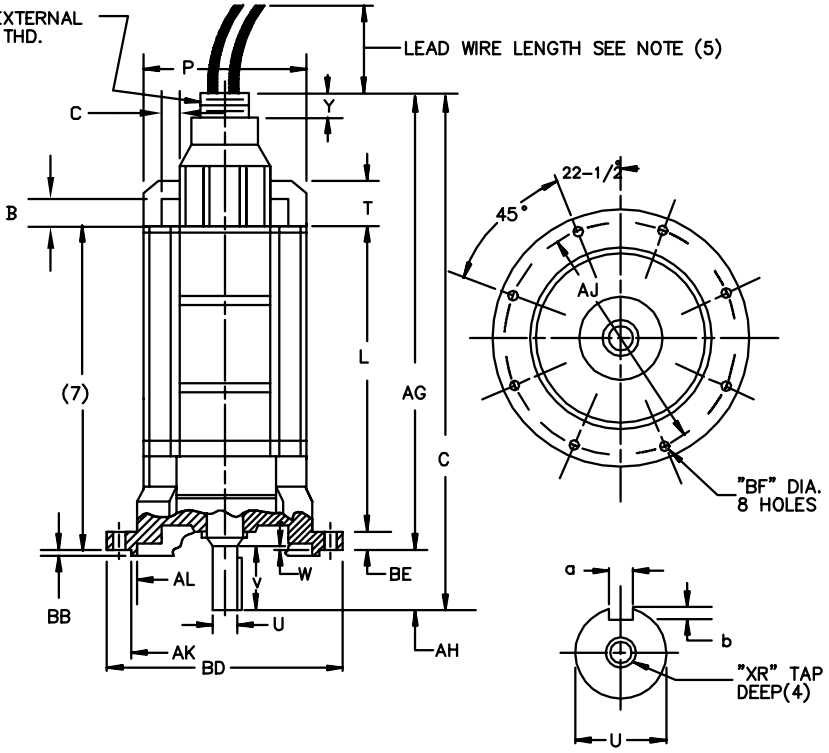
SQUIRREL-CAGE INDUCTION
ENCLOSURE: TOTALLY ENCLOSED
SUBMERSIBLE

FRAMES 210TY THRU 320TY



SIDE VIEW OF LIFTING LUG





DIMENSIONS ARE IN INCHES. SEE SHEET 2 FOR MILLIMETERS.

FRAME	C	L	P	T	U(3)	V	W	AG	AH	AJ	AK (6)	AL	LIFTING LUG DIMENSIONS A	B	C
210TY	31.69	21.12	11.50	2.25	1.4380	2.00	.44	30.12	1.56	14.12	13.125	12.00	.88	1.50	1.75
250TY	37.34	23.63	12.75	3.50	1.750	3.31	.28	34.31	3.03	16.00	15.000	14.00	.75	2.25	2.12
320TY	43.12	24.69	15.75	4.25	2.500	3.19	2.12	37.81	5.31	17.25	16.000	15.25	1.25	2.25	1.50
(1)															

FRAME	BD(2)	BE	BF	XR(4)	LEAD CONNECTION X (8)	Y	XD	BB	B.E. KEYWAY a	b	LENGTH	WEIGHT
210TY	15.250	.75	.56	5/8-11	2-1/2-8	1.25	7.75	.25	.375	.19	1.12	315
250TY	17.000	.88	.69	5/8-11	2-1/2-8	1.25	7.75	.25	.375	.19	2.25	750
320TY	18.750	.88	.69	3/4-10	3-8	1.25	10.88	.25	.500	.25	3.00	1150
(1)												

(1) SPECIAL DIMENSIONS ON THIS LINE.

(2) "BD" VARIES ±010.

(3) "U" VARIES — UP TO 1.625 DIA. +.0000, -.0005; 1.625 DIA. AND LARGER +.000, -.001.

(4) TAP DEPTH ON 210TY THRU 250TY IS 1.38"
TAP DEPTH ON 320TY IS 1.50"

(5) LEAD WIRE LENGTH AS SPECIFIED ON CERTIFICATION

(6) "AK" VARIES +.000, -.002

(7) MINIMUM SUBMERGED DEPTH.

FACE RUNOUT AND ECCENTRICITY .008 MAX. T.I.R.

PROTECTIVE CONDUIT FURNISHED BY CUSTOMER.

(8) 3" - 8 PIPE THREAD SUPPLIED WITH CABLE SIZES NO. 4 AND LARGER.

sh1

FRAME-_____ TYPE-_____ CERTIFIED FOR- _____

ORDER-_____ ITEM-_____ HP-_____ RPM-_____ PH- _____ HZ- _____ VOLTS_____

RELIANCE SALES ORDER-_____ APPROVED BY-_____ DATE _____

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

REV. DESC: MOVE V DIM. TO CORRECT POSITION (SH1)
REV. LTR: D
FILE: \RGG\00006\320
MTL: -

VERSION: 04
TDR: 000000876933
REVISED: 08:13:18 10/21/2014
BY: RGGWT

BALDOR

DIMENSION SHEET DUTY MASTER A/C MOTORS
SH 1 of 2