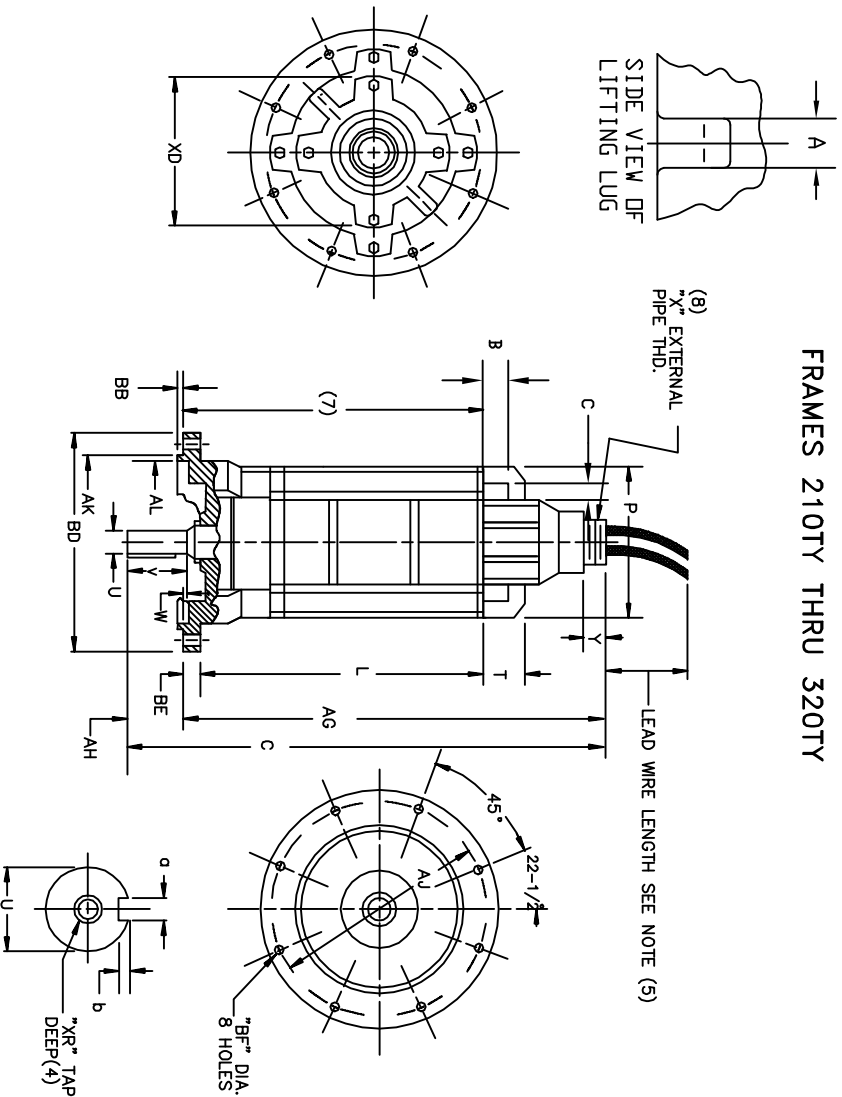


DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIREL-CAGE INDUCTION
ENCLOSURE: TOTALLY ENCLOSED
SUBMERSIBLE

FRAMES 210TY THRU 320TY



DIMENSIONS ARE IN INCHES. SEE SHEET 2 FOR MILLIMETERS.

FRAME	C	L	P	T	U(3)	V	W	AG	AH	AJ	AK (6)	AL	LEADING LUG DIMENSIONS
210TY	31.69	21.12	11.50	2.25	1.4375	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

FRAME	BD(2)	BE	BF	XR(4)	X (6)	Y	XD	BB	B	Q	b	LENGTH	WEIGHT (LB)(10)
210TY	15.250	.75	.56	5/8-11	2-1/2-8	1.25	7/5	.25	.375	.19	1.12		315
250TY	17.000	.88	.69	5/8-11	2-1/2-8	1.25	7/5	.25	.375	.19	2.25		475
320TY	18.750	.88	.69	3/4-10	3-8	1.25	10.88	.25	.500	.25	3.00		1150

- (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.
- (9) DIMENSIONS IN INCHES
- (10) MOTOR WEIGHT VARIES +/- 15% WEIGHT DOES
NOT INCLUDE THE WEIGHT OF THE CABLES

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: CHANGED 210 U DIMENSION FROM 1.438 TO 1.4375

REV. LTR: F

VERSION: 06

TDR: 000001168191

FILE: \RGG\00006\320

REVISED: 11:54:41 05/14/2021

BY: RGGJAO

MTL: -

BALDOR - RELIANCE®

DIMENSION SHEET DUTY MASTER A/C MOTORS

SH 1 of 2