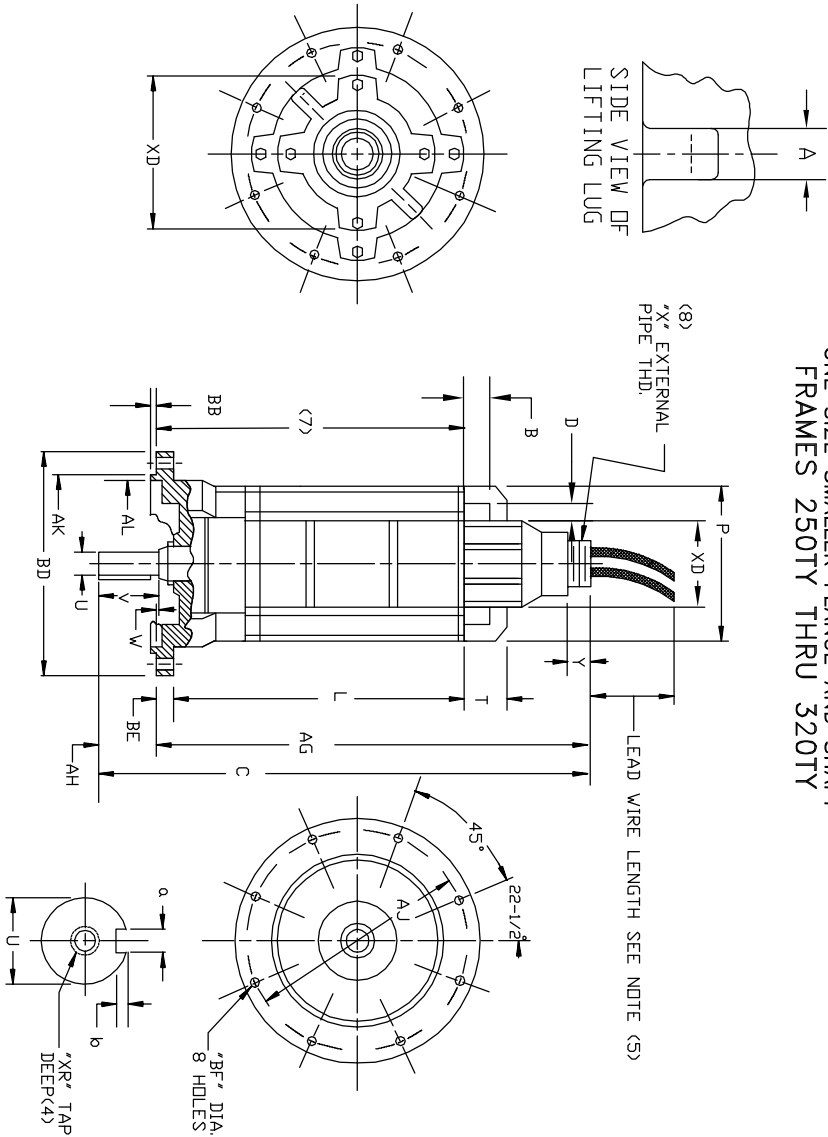


DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIREL-CAGE INDUCTION
ENCLOSURE: TOTALLY ENCLOSED

SUBMERSIBLE
ONE SIZE SMALLER FLANGE AND SHAFT
FRAMES 250TY THRU 320TY



DIMENSIONS ARE IN INCHES

FRAME	C	L	P	T	U(3)	V	W	AG	AH	AJ	AK (6)	AL	LIFTING LUG DIMENSIONS			
250TY	37.06	23.62	12.75	3.50	1.4375	2.00	.25	35.50	1.56	14.12	13.125	12.00	A	B	D	
320TY	44.60	26.37	16.00	4.25	1.750	3.31	.27	41.56	3.04	16.00	15.000	14.25	.75	2.25	2.12	
(1)													1.25	2.25	1.50	

FRAME	BD(2)	BE	BF	XR(4)	LEAD CONNECTION			B.E. KEYWAY			WEIGHT
					X (8)	Y	XD	a	b	LENGTH (LBX9)	
250TY	15.25	1.00	.56	5/8-11 2-1/2-8	1.25	7.75	.25	.375	.19	1.12	4.75
320TY	17.00	.88	.69	5/8-11 3-8	1.25	10.88	.25	.375	.19	2.25	11.50
(1)											

- (1) SPECIAL DIMENSIONS ON THIS LINE.
- (2) 'BD' VARIES ± .010
- (3) 'U' VARIES — UP TO 1.625 DIA. +.000, −.0005
1.625 DIA. AND LARGER +.000, −.001
- (4) TAP DEPTH ON 250TY IS 1.38"
TAP DEPTH ON 320TY IS 1.38"
- (5) LEAD WIRE LENGTH AS SPECIFIED ON CERTIFICATION
- (6) 'AK' VARIES +.000, −.002
- (7) MINIMUM SUBMERGED DEPTH.
FACE ROUNDT 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) MOTOR WEIGHT VARIES +/- 15%. MOTOR WEIGHT
DOES NOT INCLUDE THE WEIGHT OF THE CABLES

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

REV. DESC: CHANGED 250 U DIMENSION FROM 1.438 TO 1.4375		
REV. LTR: E	VERSION: 05	TDR: 000001168191
FILE: \RGG\00024\997	REVISED: 12: 56: 31 05/14/2021	BY: RGGJAO
MTL: -		

BALDOR - RELIANCE®

DIM SHT,250TY THRU 320TY,SUBMERSIBLE,SMALLER SHAFT & FLG

SH 1 of 1