

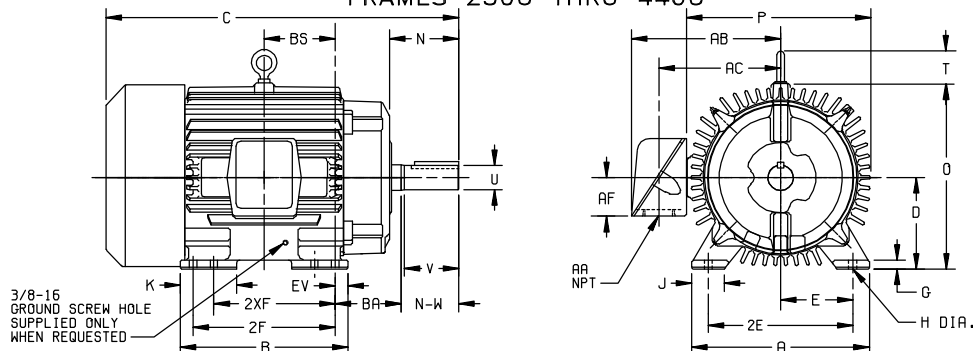
DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION
CAST IRON CONSTRUCTION

ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: FOOT

COOLING: FAN COOLED

FRAMES 250U THRU 440U



DIMENSIONS ARE IN INCHES

FRAME	A	D(2)	E	G	H	J	K	O	P	T	CAST IRON TERMINAL BOX					
											AA	AB	AC	AF	BA	EV
254U-256U	12.50	6.25	5.00	.75	.56	2.50	---	13.25	13.25	2.44	1-1/4	10.81	8.81	2.50	4.25	1.00
284U-286U	13.75	7.00	5.50	.75	.56	2.50	---	14.75	14.88	2.44	1-1/2	12.62	10.19	3.00	4.75	1.00
324U-326U	15.50	8.00	6.25	.88	.69	2.75	4.50	16.69	17.00	2.44	2	15.44	11.69	3.62	5.25	1.38
364U-365US	17.00	9.00	7.00	.88	.69	2.75	3.88	18.50	19.50	2.94	3	18.00	13.81	4.12	5.88	1.38
404U-405US	19.00	10.00	8.00	1.12	.81	3.25	4.62	21.31	22.50	2.94	3	19.25	15.06	4.12	6.62	1.13
444U-445US	21.00	11.00	9.00	1.12	.81	3.25	5.25	23.38	25.25	3.25	3	22.19	17.44	6.00	7.50	1.25

(1)

FRAME SIZE	C	BS	B	2F	(4) 2XF	N	SHAFT AND KEY					WEIGHT LBS. (5)
							N-W(6)	U(3)	V	SQ.	LGTH.	
254U	24.31	5.00	12.00	---	8.25	3.81	3.75	1.375	3.50	.312	2.62	335
256U	24.31	5.00	12.00	10.00	---	3.81	3.75	1.375	3.50	.312	2.62	345
284U	27.69	5.50	13.00	---	9.50	5.25	4.88	1.625	4.62	.375	3.25	475
286U	27.69	5.50	13.00	11.00	---	5.25	4.88	1.625	4.62	.375	3.25	490
324U	30.81	6.00	14.75	---	10.50	6.00	5.62	1.875	5.38	.500	4.25	590
324US	28.44	6.00	14.75	---	10.50	3.62	3.25	1.625	3.00	.375	2.00	590
326U	30.81	6.00	14.75	12.00	---	6.00	5.62	1.875	5.38	.500	4.25	630
326US	28.44	6.00	14.75	12.00	---	3.62	3.25	1.625	3.00	.375	2.00	630
364U	33.94	6.12	15.00	---	11.25	6.75	6.38	2.125	6.12	.500	4.25	865
364US	31.31	6.12	15.00	---	11.25	4.12	3.75	1.875	3.50	.500	2.00	859
365U	33.94	6.12	15.00	12.25	---	6.75	6.38	2.125	6.12	.500	4.25	890
365US	31.31	6.12	15.00	12.25	---	4.12	3.75	1.875	3.50	.500	2.00	884
404U	38.19	6.88	16.00	---	12.25	7.38	7.12	2.375	6.88	.625	5.62	1220
404US	35.31	6.88	16.00	---	12.25	4.50	4.25	2.125	4.00	.500	2.75	1211
405U	38.19	6.88	16.00	13.75	---	7.38	7.12	2.375	6.88	.625	5.62	1260
405US	35.31	6.88	16.00	13.75	---	4.50	4.25	2.125	4.00	.500	2.75	1251
444U	44.75	8.25	19.00	---	14.50	9.06	8.62	2.875	8.38	.750	7.00	1670
444US	40.38	8.25	19.00	---	14.50	4.69	4.25	2.125	4.00	.500	2.75	1654
445U	44.75	8.25	19.00	16.50	---	9.06	8.62	2.875	8.38	.750	7.00	1860
445US	40.38	8.25	19.00	16.50	---	4.69	4.25	2.125	4.00	.500	2.75	1844

(1)

(1)

(1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.

- (2) "D" VARIES — 250U - 320U +.00, -.03.
— 360U - 440U +.00, -.06.
- (3) "U" VARIES — UP TO 1.625 DIA. +.0000, -.0005
— 1.625 AND LARGER +.000, -.001.

(4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.

(5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.

(6) "N-W" VARIES +.00, -.25.

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2,W-1, W-4,W-5,W-7, OR C-1 MOUNTING IS SPECIFIED.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .002 T.I.R. UP TO AND INCLUDING 1.625 DIA. AND .003 T.I.R. 1.625 DIA. TO 5 INCH DIA.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

BALDOR • DODGE • RELIANCE

TDR: 000000448933

BY: CONBPM

REV. DESC: REMOVING TITLEBLOCK

VERSION: 01

REV. LTR: A

FILE: \RAG\00004\648

MTL: -

DIM SHT 250-440U TEFC STD U & US SINGLE EXT XT