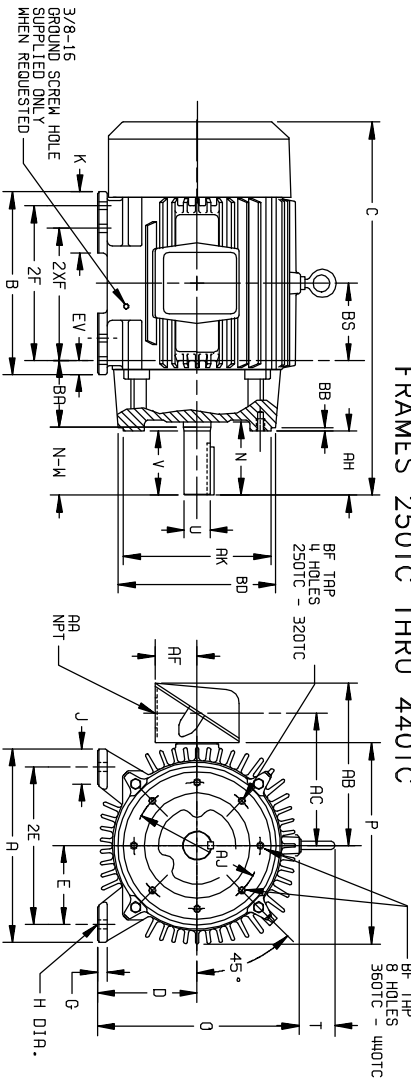


DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: FOOT, NEMA "C" FACE
FRAMES 250TC THRU 440TC
COOLING: FAN COOLED
CAST IRON CONSTRUCTION



DIMENSIONS ARE IN INCHES. SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

FRAME	A	D(2)	E	G	H	J	K	EV	O	P	T	CAST IRON TERMINAL BOX								MIN. DEPTH	AJ	AK	(6)		
												AA	AB	AC	AF	BA	BB	BD	BF					BF	BF
254TC-256TC	12.50	6.25	5.00	.75	.56	2.50	--	1.00	13.25	13.25	2.44	1-1/4	10.81	8.81	2.50	4.75	2.25	9.00	1-2-13	.75	9.00	10.500			
284TC-286TSC	13.75	7.00	5.50	.75	.56	2.50	--	1.00	14.75	14.88	2.44	1-1/2	12.62	10.19	3.00	4.75	2.25	11.25	1-2-13	.75	9.00	10.500			
324TC-326TSC	15.50	8.00	6.25	.88	.69	2.75	4.50	1.38	16.69	17.00	2.44	2	15.44	11.69	3.62	5.25	2.25	13.12	5/8-11	.94	11.00	12.500			
364TC-366TSC	17.00	9.00	7.00	.88	.69	2.75	3.88	1.38	18.50	19.50	2.94	3	18.00	13.81	4.12	5.88	2.25	13.00	5/8-11	.94	11.00	12.500			
404TC-406TSC	19.00	10.00	8.00	1.12	.81	3.25	4.62	1.13	21.31	22.50	2.94	3	19.25	15.06	4.12	6.62	2.25	13.12	5/8-11	.94	11.00	12.500			
444TC-446TSC	21.00	11.00	9.00	1.12	.81	3.25	5.25	1.25	23.38	25.25	3.25	3	22.19	17.44	6.00	7.50	2.25	16.75	5/8-11	.94	14.00	16.000			
(1)																									

FRAME SIZE	C	BS	B	2F	(4)		N	AH	SHAFT AND KEY				WGHT. LBS. (5)
					2XF	N			N-W(7)	U(3)	V	SQ.	
254TC	25.06	5.00	12.00	---	8.25	4.06	3.75	4.00	1.625	3.75	.375	2.88	345
256TC	25.06	5.00	12.00	10.00	---	4.06	3.75	4.00	1.625	3.75	.375	2.88	355
284TC	27.44	5.50	13.00	---	9.50	5.00	4.38	4.62	1.875	4.38	.500	3.25	485
284TSC	26.06	5.50	13.00	---	9.50	3.62	3.00	3.25	1.625	3.00	.375	1.88	485
286TC	27.44	5.50	13.00	11.00	---	5.00	4.38	4.62	1.875	4.38	.500	3.25	500
286TSC	26.06	5.50	13.00	11.00	---	3.62	3.00	3.25	1.625	3.00	.375	1.88	500
324TC	30.44	6.00	14.75	---	10.50	5.62	5.00	5.25	2.125	5.00	.500	3.88	605
324TSC	28.94	6.00	14.75	---	10.50	4.12	3.50	3.75	1.875	3.50	.500	2.00	605
326TC	30.44	6.00	14.75	12.00	---	5.62	5.00	5.25	2.125	5.00	.500	3.88	645
326TSC	28.94	6.00	14.75	12.00	---	4.12	3.50	3.75	1.875	3.50	.500	2.00	645
364TC	33.44	6.12	15.00	---	11.25	6.25	5.62	5.88	2.375	5.62	.625	4.25	880
364TSC	31.31	6.12	15.00	---	11.25	4.12	3.50	3.75	1.875	3.50	.500	2.00	874
365TC	33.44	6.12	15.00	12.25	---	6.25	5.62	5.88	2.375	5.62	.625	4.25	905
365TSC	31.31	6.12	15.00	12.25	---	4.12	3.50	3.75	1.875	3.50	.500	2.00	899
404TC	38.31	6.88	16.00	---	12.25	7.50	7.00	7.25	2.875	7.00	.750	5.62	1265
404TSC	35.31	6.88	16.00	---	12.25	4.50	4.00	4.25	2.125	4.00	.500	2.75	1256
405TC	38.31	6.88	16.00	13.75	---	7.50	7.00	7.25	2.875	7.00	.750	5.62	1305
405TSC	35.31	6.88	16.00	13.75	---	4.50	4.00	4.25	2.125	4.00	.500	2.75	1296
444TC	44.62	8.25	19.00	---	14.50	8.94	8.25	8.50	3.375	8.25	.875	6.88	1738
444TSC	40.88	8.25	19.00	---	14.50	5.19	4.50	4.75	2.375	4.50	.625	3.00	1722
445TC	44.62	8.25	19.00	16.50	---	8.94	8.25	8.50	3.375	8.25	.875	6.88	1928
445TSC	40.88	8.25	19.00	16.50	---	5.19	4.50	4.75	2.375	4.50	.625	3.00	1912

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
- (2) "D" VARIES — 250TC - 320TC +.00, -.03
360TC - 440TC +.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) "AK" VARIES — 250TC - 280TC +.000, -.003
320TC - 440TC +.000, -.005
- (7) "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.
- FACE RUNOUT AND — 250TC - 280TC INCL. .004 MAX. T.I.R.
ECCENTRICITY — 320TC - 440TC INCL. .007 MAX. T.I.R.

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

REV. DESC. REMOVING TITLEBLOCK		
REV. LTR: A	VERSION: 01	TDR: 000000448517
FILE: \RAC\00004\530	REVISED: 14: 21: 04 11/07/2007	BY: CONBPM
MTL: -		

BALDOR • DODGE • RELIANCE

DIM SHT 250TC-440TC TEFC FT MTG C FACE T & TS SGL EXT XT

FRAME- TYPE- CERTIFIED FOR-
ORDER- ITEM- HP- RPM- PH- HZ VOLTS-
SALES ORDER- APPROVED BY- DATE