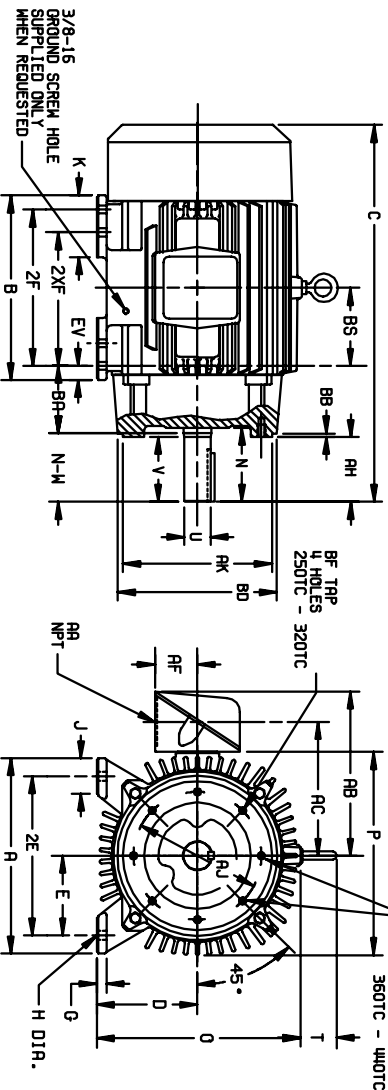


DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIREL-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																								
			D(2)	E	G	H	J	K	EV	O	P	T	CAST IRON TERMINAL BOX								(6)			
													AA	AB	AC	AF	BA	BB	BD	BF		IN. TAB. DEPTH	AJ	AK
FRAME	A																							
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	1-2-1/3	7.5	7.25	8.500	
284TC-286TC	13.75		7.00	5.50	.75	.56	2.50	---	1.00	14.75	14.88	2.44	1-1/4	12.62	10.19	3.00	4.75	2.25	11.25	1-2-1/3	.75	9.00	10.012	5.000
324TC-326TC	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-365TC	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-405TC	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-445TC	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	

FRAME	SIZE	C	BS	B	2F	(4)				N	AH	SHAFT AND KEY				WEIGHT LBS. (5)
						2VF	2VF	N	AA	N-W(7)	U(3)	V	SQ.	LGTH		
254TC	25.06	5.00	12.00	---	---	8.25	4.06	3.75	4.00	1.625	3.75	.375	2.88	3.45		345
256TC	25.06	5.00	12.00	---	---	8.25	4.06	3.75	4.00	1.625	3.75	.375	2.88	3.45		345
284TC	27.44	5.50	13.00	---	---	9.50	5.00	4.38	4.62	1.875	4.38	.500	3.25	4.85		485
284TSC	26.06	5.50	13.00	---	---	9.50	3.62	3.00	3.25	1.625	3.00	.375	1.88	485		485
286TC	27.44	5.50	13.00	---	---	9.50	5.00	4.38	4.62	1.875	4.38	.500	3.25	500		500
286TSC	26.06	5.50	13.00	---	---	9.50	3.62	3.00	3.25	1.625	3.00	.375	1.88	500		500
324TC	30.44	6.00	14.75	---	---	10.50	5.62	5.00	5.25	2.125	5.00	.500	3.88	605		605
324TSC	28.94	6.00	14.75	---	---	10.50	4.12	3.50	3.75	1.875	3.50	.500	2.00	605		605
326TC	30.44	6.00	14.75	---	---	10.50	5.62	5.00	5.25	2.125	5.00	.500	3.88	645		645
326TSC	28.94	6.00	14.75	---	---	10.50	4.12	3.50	3.75	1.875	3.50	.500	2.00	645		645
364TC	33.44	6.12	15.00	---	---	11.25	6.25	5.62	5.88	2.375	5.62	.625	4.25	880		880
364TSC	31.31	6.12	15.00	---	---	11.25	4.12	3.50	3.75	1.875	3.50	.500	2.00	874		874
365TC	33.44	6.12	15.00	---	---	11.25	6.25	5.62	5.88	2.375	5.62	.625	4.25	905		905
365TSC	31.31	6.12	15.00	---	---	11.25	4.12	3.50	3.75	1.875	3.50	.500	2.00	889		889
404TC	38.31	6.88	16.00	---	---	12.25	7.50	7.00	7.25	2.875	7.00	.750	5.62	1265		1265
404TSC	36.31	6.88	16.00	---	---	12.25	4.00	4.25	4.25	2.125	4.00	.500	2.75	1256		1256
405TC	38.31	6.88	16.00	---	---	12.25	7.50	7.00	7.25	2.875	7.00	.750	5.62	1305		1305
405TSC	36.31	6.88	16.00	---	---	12.25	4.00	4.25	4.25	2.125	4.00	.500	2.75	1286		1286
444TSC	44.62	8.25	19.00	---	---	14.50	8.94	8.25	8.50	3.375	8.25	.875	6.88	1722		1722
445TC	40.88	8.25	19.00	---	---	14.50	5.19	4.50	4.75	2.375	4.50	.625	3.00	1928		1928
445TSC	40.88	8.25	19.00	---	---	14.50	5.19	4.50	4.75	2.375	4.50	.625	3.00	1912		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 — HP TO 1.625 DIA. +.000, -.005
 — 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.
 — 320TC - 440TC INCL. .007 MAX. T.I.R.
ECCENTRICITY

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: \RAG\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 _____