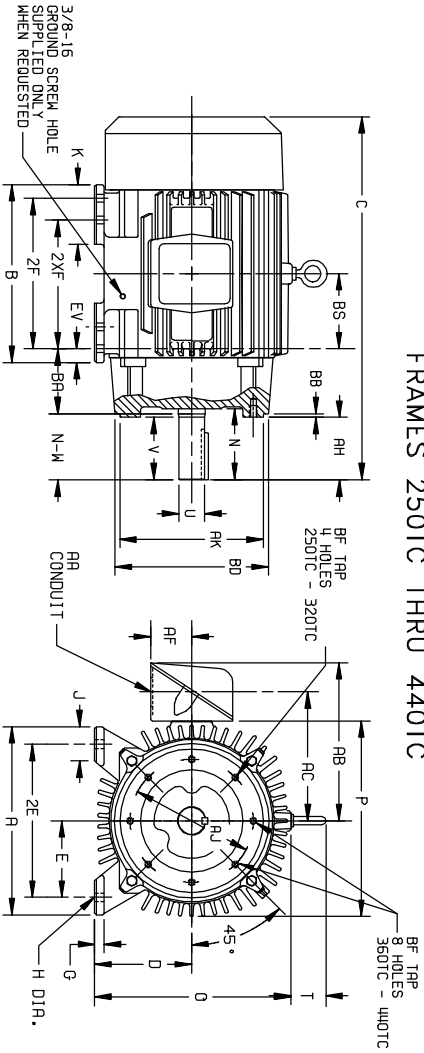


DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIREL-CAGE INDUCTION
ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: FOOT, NEMA "C" FACE
COOLING: FAN COOLED
FRAMES 250TC THRU 440TC



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

FRAME	A	D(2)	E	G	H	J	K	EV	O	P	T	STEEL TERMINAL BOX								MIN. DEPTH	AJ	AK	(6)			
												AA	AB	AC	AF	BA	BB	BD	BF							
254TC-256TC	12.50	6.25	5.00	.75	.56	2.50	---	1.00	13.25	13.25	2.44	-1/4	10.75	8.75	2.50	4.75	.25	9.00	1/2-13	.75	7.25	8.500				
284TC-286TSC	13.75	7.00	5.50	.75	.56	2.50	---	1.00	14.75	14.88	2.44	-1/2	12.75	10.00	3.19	4.75	.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	15.19	11.44	4.25	5.25	.25	13.12	5/8-11	.94	11.00	12.500				
364TC-365TSC	17.00	9.00	7.00	.88	.69	2.75	3.88	1.38	18.50	19.50	2.94	3	18.06	14.00	5.38	5.88	.25	13.00	5/8-11	.94	11.00	12.500				
404TC-405TSC	19.00	10.00	8.00	1.12	.81	3.25	4.62	1.13	21.31	22.50	2.94	3	19.31	15.25	5.38	6.62	.25	13.12	5/8-11	.94	11.00	12.500				
444TC-445TSC	21.00	11.00	9.00	1.12	.81	3.25	5.25	1.25	23.38	25.25	3.25	3	23.38	18.12	6.50	7.50	.25	16.75	5/8-11	.94	14.00	16.000				

FRAME SIZE	C	BS	B	2F	(4)				SHAFT AND KEY				WEIGHT (5)
					2XF	N	AH	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	315
256TC	25.06	5.00	12.00	10.00	----	4.06	3.75	4.00	1.625	3.75	.375	2.88	325
284TC	27.44	5.50	13.00	----	9.50	5.00	4.38	4.62	1.875	4.38	.500	3.28	445
284TSC	26.06	5.50	13.00	----	9.50	3.62	3.00	3.25	1.625	3.00	.375	1.88	445
286TC	27.44	5.50	13.00	11.00	----	5.00	4.38	4.62	1.875	4.38	.500	3.25	460
286TSC	26.06	5.50	13.00	11.00	----	3.62	3.00	3.25	1.625	3.00	.375	1.88	460
324TC	30.44	6.00	14.75	----	10.50	5.62	5.00	5.25	2.125	5.00	.500	3.88	555
324TSC	28.94	6.00	14.75	----	10.50	4.12	3.50	3.75	1.875	3.50	.500	2.00	555
326TC	30.44	6.00	14.75	12.00	----	5.62	5.00	5.25	2.125	5.00	.500	3.88	595
326TSC	28.94	6.00	14.75	12.00	----	4.12	3.50	3.75	1.875	3.50	.500	2.00	595
364TC	33.44	6.12	15.00	----	11.25	6.25	5.62	5.88	2.375	5.62	.625	4.25	815
364TSC	31.31	6.12	15.00	----	11.25	4.12	3.50	3.75	1.875	3.50	.500	2.00	809
365TC	33.44	6.12	15.00	12.25	----	6.25	5.62	5.88	2.375	5.62	.625	4.25	855
365TSC	31.31	6.12	15.00	12.25	----	4.12	3.50	3.75	1.875	3.50	.500	2.00	849
404TC	38.31	6.88	16.00	----	12.25	7.50	7.00	7.25	2.875	7.00	.750	5.62	1165
404TSC	35.31	6.88	16.00	----	12.25	4.50	4.00	4.25	2.125	4.00	.500	2.75	1165
405TC	38.31	6.88	16.00	13.75	----	7.50	7.00	7.25	2.875	7.00	.750	5.62	1205
405TSC	35.31	6.88	16.00	13.75	----	4.50	4.00	4.25	2.125	4.00	.500	2.75	1195
444TC	44.62	8.25	19.00	----	14.50	8.94	8.25	8.50	3.375	8.25	.875	6.88	1592
444TSC	40.88	8.25	19.00	----	14.50	5.19	4.50	4.75	2.375	4.50	.625	3.00	1592
445TC	44.62	8.25	19.00	16.50	----	8.94	8.25	8.50	3.375	8.25	.875	6.88	1798
445TSC	40.88	8.25	19.00	16.50	----	5.19	4.50	4.75	2.375	4.50	.625	3.00	1782
(1)													

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
- (2) "D" VARIES $\begin{cases} 250TC - 320TC + .00, -.03 \\ 360TC - 440TC + .00, -.06. \end{cases}$
- (3) "U" VARIES $\begin{cases} 1.625 \text{ AND LARGER} + .000, -.001. \\ HP \text{ TO } 1.625 \text{ DIA.} + .0000, -.0005 \end{cases}$
- (4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.
- (5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- (6) "AK" VARIES $\begin{cases} 250TC - 280TC + .000, -.003 \\ 320TC - 440TC + .000, -.005 \end{cases}$
- (7) "N-W" VARIES $+.00, -.25.$
- FRAME-_____TYPE-_____CERTIFIED FOR-_____
- ORDER-_____ITEM-_____HP-_____RPM-_____PH-_____HZ_____VOLTS_____
- RELANCE SALES ORDER-_____APPROVED BY-_____DATE_____
- 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 $\begin{cases} 250TC - 280TC \text{ INCL. } .004 \text{ MAX. T.I.R.} \\ 320TC - 440TC \text{ INCL. } .007 \text{ MAX. T.I.R.} \end{cases}$

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

REV. DESC: REMOVING TITLE BLOCK		
REV. LTR: A	VERSION: 01	TDR: 000000441900
FILE: \RAG\00003\380	REVISED: 09:15:38 08/28/2007	BY: RAGRHX
MTL: -		

Baldor • Dodge • Reliance

DIM SHEET 250TC THRU 440TC