DUTY MASTER ALTERNATING CURRENT MOTORS

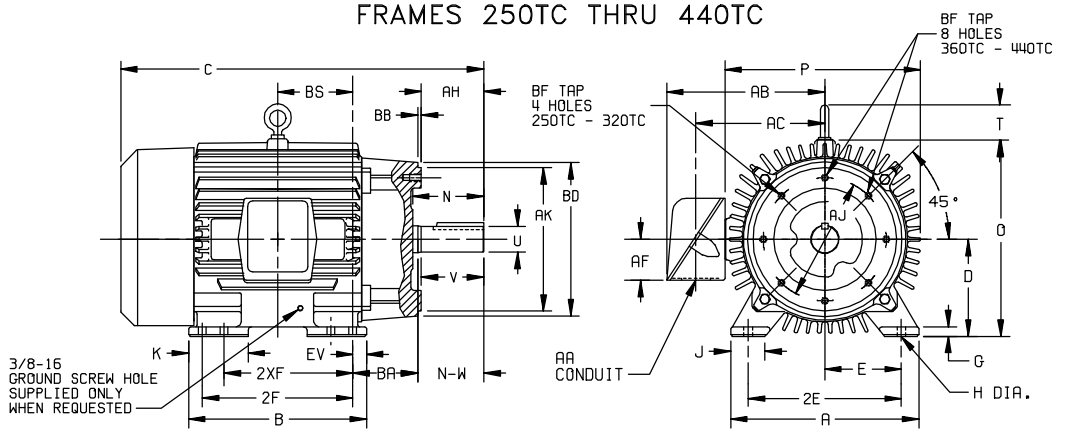
SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

COOLING: FAN COOLED

MOUNTING: FOOT, NEMA "C" FACE

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 AA	AB	AC	AF	BA	BB	BD	BF	MIN. TAP DEPTH	AJ	(6) AK
254TC-256TC	12.50	6.25	5.00	.75	.56	2.50	--	1.00	13.25	13.25	2.44	1-1/4	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	1-1/2	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
(1)																						

FRAME SIZE	C	BS	B	2F	(4) 2XF	N	AH	SHAFT AND KEY N-W(7)	U(3)	V	SQ.	LGTH.	WEIGHT LBS. (5)
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	3.25	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	1156
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	1196
444TC	44.62	8.25	19.00	---	14.50	8.94	8.25	8.50	3.375	8.25	.875	6.88	1608
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 — 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 ECCENTRICITY — 250TC - 280TC INCL. .004 MAX. T.I.R.; 320TC - 440TC INCL. .007 MAX. T.I.R.

FRAME-____ TYPE-____ CERTIFIED FOR- ____

ORDER-____ ITEM-____ HP-____ RPM-____ PH-____ HZ ____ VOLTS-____

RELIANCE SALES ORDER- ____ APPROVED BY-____ DATE ____

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

REV. DESC: REMOVEING TITLE BLOCK | TDR: 000000441900

REV. LTR: A | VERSION: 01 | BY: RAGRXH

FILE: \RAG\00003\380 | REVISED: 09:15:38 08/28/2007

MTL: -

Baldor • Dodge • Reliance

DIM SHEET 250TC THRU 440TC

611740-003-SH1