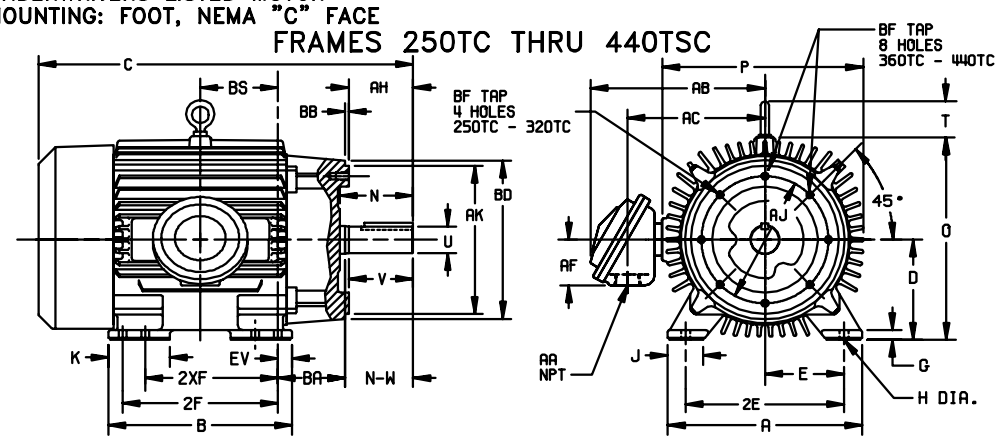
DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED
UNDERWRITERS LISTED MOTOR
MOUNTING: FOOT, NEMA "C" FACE

COOLING: FAN COOLED

FRAMES 250TC THRU 440TSC



DIMENSIONS ARE IN INCHES

FRAME	A	D(2)	E	G	H	J	K	EV	O	P	T	XP 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	12.38	9.69	3.38	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	13.25	10.56	3.38	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	17.06	12.50	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	18.81	14.25	4.25	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	20.50	15.88	4.25	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	26.25	20.38	6.00	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	355
256TC	25.06	5.00	12.00	10.00	---	4.06	3.75	4.00	1.625	3.75	.375	2.88	365
284TC	27.44	5.50	13.00	---	9.50	4.69	4.38	4.62	1.875	4.38	.500	3.25	515
284TSC	26.06	5.50	13.00	---	9.50	3.31	3.00	3.25	1.625	3.00	.375	1.88	515
286TC	27.44	5.50	13.00	11.00	---	4.69	4.38	4.62	1.875	4.38	.500	3.25	530
286TSC	26.06	5.50	13.00	11.00	---	3.31	3.00	3.25	1.625	3.00	.375	1.88	530
324TC	30.44	6.00	14.75	---	10.50	5.62	5.00	5.25	2.125	5.00	.500	3.88	630
324TSC	28.94	6.00	14.75	---	10.50	4.12	3.50	3.75	1.875	3.50	.500	2.00	630
326TC	30.44	6.00	14.75	12.00	---	5.62	5.00	5.25	2.125	5.00	.500	3.88	670
326TSC	28.94	6.00	14.75	12.00	---	4.12	3.50	3.75	1.875	3.50	.500	2.00	670
364TC	33.44	6.12	15.00	---	11.25	6.25	5.62	5.88	2.375	5.62	.625	4.25	925
364TSC	31.31	6.12	15.00	---	11.25	4.12	3.50	3.75	1.875	3.50	.500	2.00	919
365TC	33.44	6.12	15.00	12.25	---	6.25	5.62	5.88	2.375	5.62	.625	4.25	965
365TSC	31.31	6.12	15.00	12.25	---	4.12	3.50	3.75	1.875	3.50	.500	2.00	959
404TC	38.31	6.88	16.00	---	12.25	7.62	7.00	7.25	2.875	7.00	.750	5.62	1313
404TSC	35.31	6.88	16.00	---	12.25	4.62	4.00	4.25	2.125	4.00	.500	2.75	1304
405TC	38.31	6.88	16.00	13.75	---	7.62	7.00	7.25	2.875	7.00	.750	5.62	1348
405TSC	35.31	6.88	16.00	13.75	---	4.62	4.00	4.25	2.125	4.00	.500	2.75	1339
444TC	44.62	8.25	19.00	---	14.50	9.12	8.25	8.50	3.375	8.25	.875	6.88	1777
444TSC	40.88	8.25	19.00	---	14.50	5.38	4.50	4.75	2.375	4.50	.625	3.00	1761
445TC	44.62	8.25	19.00	16.50	---	9.12	8.25	8.50	3.375	8.25	.875	6.88	1967
445TSC	40.88	8.25	19.00	16.50	---	5.38	4.50	4.75	2.375	4.50	.625	3.00	1951
(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_____

SALES ORDER-_____ APPROVED BY-_____ DATE _____

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

BALDOR

DIM SHT FCXP FT CFACE 250-440TC
SH 1 of 1

REV. DESC: CHANGED TITLE IN DRAWING TO 250TC THRU 440TSC
REV. LTR: B
FILE: \RAG\00006\854
MTL: -

VERSION: 02
REVISED: 02:55:39 08/02/2013

TDR: 000000810870
BY: RAGBXN

611742-003