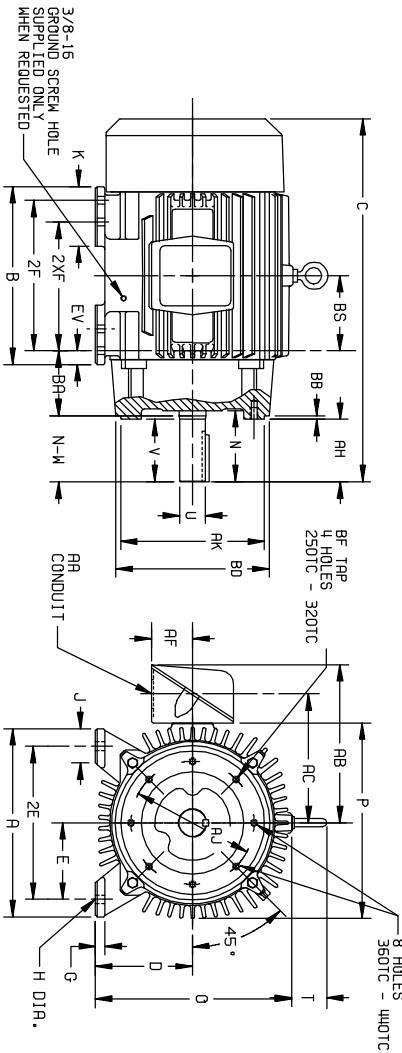


DUTY MASTER ALTERNATING CURRENT MOTORS
ENCLOSURE: TOTALLY ENCLOSED SQUIRREL-CAGE INDUCTION
MOUNTING: FOOT, NEMA "C" FACE
FRAMES 250TC THRU 440TC
COOLING: FAN COOLED



DIMENSIONS ARE IN MILLIMETERS. SEE SHEET 1 FOR DIMENSIONS IN INCHES

FRAME	A	D(2)	E	G	H	J	K	EV	O	P	T	STEEL TERMINAL BOX								BF (6) TYP DEPTH	MUN AJ	(6) AK
												AA(8)	AB	AC	AF	BA	BB	BD	BE(8)			
254TC-256TC	317.5	158.8	127.0	19.0	14.2	63.5	---	25.4	336.5	336.5	66.0	-1/4	273.0	222.3	63.5	120.7	6.4	228.6	1/2-13	19.0	184.1	215.90
284TC-286TSC	349.2	177.8	139.7	19.0	14.2	63.5	---	25.4	374.6	378.0	62.0	-1/4	323.3	254.0	81.0	120.7	6.4	285.7	1/2-13	19.0	228.6	266.70
324TC-326TSC	393.7	203.2	158.8	22.4	17.5	69.9	114.3	35.1	423.9	431.6	62.0	2	385.8	290.6	108.0	133.3	6.4	333.2	5/8-11	23.9	279.4	317.50
364TC-366TSC	431.8	228.6	177.8	22.4	17.5	69.9	98.6	35.1	469.9	495.3	74.7	3	458.7	355.6	136.7	149.4	6.4	330.2	5/8-11	23.9	279.4	317.50
404TC-406TSC	482.6	254.0	203.2	28.4	20.6	82.5	117.3	28.7	541.3	571.5	74.7	3	490.5	387.3	156.7	168.1	6.4	333.2	5/8-11	23.9	279.4	317.50
444TC-446TSC	533.4	279.4	228.6	28.4	20.6	82.5	133.3	31.7	593.9	641.3	82.5	3	593.9	460.2	165.1	190.5	6.4	425.4	5/8-11	23.9	355.6	406.40

FRAME SIZE	C	BS	B	2F	(4) 2XF	N	AH	SHAFT AND KEY				WGTH KGS. (5)	
								N-W(7)	U(3)	V	SQ.		
254TC	636.5	127.0	304.8	---	209.6	103.1	95.3	101.6	41.27	95.3	9.52	73.2	142
256TC	636.5	127.0	304.8	254.0	---	103.1	95.3	101.6	41.27	95.3	9.52	73.2	147
284TC	697.0	139.7	330.2	---	241.3	127.0	111.3	117.3	47.63	111.3	12.70	82.5	201
284TSC	661.9	139.7	330.2	---	241.3	91.9	76.2	82.5	41.27	76.2	9.52	47.8	201
286TC	697.0	139.7	330.2	279.4	---	127.0	111.3	117.3	47.63	111.3	12.70	82.5	208
286TSC	661.9	139.7	330.2	279.4	---	91.9	76.2	82.5	41.27	76.2	9.52	47.8	208
324TC	773.2	152.4	374.6	---	266.7	142.7	127.0	133.3	53.97	127.0	12.70	98.6	251
324TSC	735.1	152.4	374.6	---	266.7	104.6	86.9	95.3	47.63	86.9	12.70	50.8	251
326TC	773.2	152.4	374.6	304.8	---	142.7	127.0	133.3	53.97	127.0	12.70	98.6	269
326TSC	735.1	152.4	374.6	304.8	---	104.6	86.9	95.3	47.63	86.9	12.70	50.8	269
364TC	849.4	155.4	381.0	---	285.7	158.8	142.7	149.4	60.33	142.7	15.88	108.0	369
364TSC	795.3	155.4	381.0	---	285.7	104.6	88.9	95.3	47.63	88.9	12.70	50.8	366
366TC	849.4	155.4	381.0	311.1	---	158.8	142.7	149.4	60.33	142.7	15.88	108.0	387
366TSC	795.3	155.4	381.0	311.1	---	104.6	86.9	95.3	47.63	86.9	12.70	50.8	385
404TC	973.1	174.8	406.4	---	311.1	190.5	177.8	184.1	73.02	177.8	19.05	142.7	528
404TSC	896.9	174.8	406.4	---	311.1	114.3	101.6	108.0	53.97	101.6	12.70	69.9	524
406TC	973.1	174.8	406.4	349.2	---	190.5	177.8	184.1	73.02	177.8	19.05	142.7	546
406TSC	896.9	174.8	406.4	349.2	---	114.3	101.6	108.0	53.97	101.6	12.70	69.9	542
444TC	1133.3	209.6	482.6	---	368.3	227.1	209.6	215.9	85.72	209.6	22.22	174.8	729
444TSC	1038.4	209.6	482.6	---	368.3	131.8	114.3	120.7	60.33	114.3	15.88	76.2	722
445TC	1133.3	209.6	482.6	419.1	---	227.1	209.6	215.9	85.72	209.6	22.22	174.8	815
445TSC	1038.4	209.6	482.6	419.1	---	131.8	114.3	120.7	60.33	114.3	15.88	76.2	808

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
- (2) "D" VARIES — 250TC - 320TC +.0, -.8
360TC - 440TC +.0, -.15
HP TO 41.27 DIA. +.000, -.013
- (3) "U" VARIES — 41.27 AND LARGER +.00, -.03
ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.
- (5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- (6) "AK" VARIES — 250TC - 280TC +.00, -.08
320TC - 440TC +.00, -.13
- (7) "N-W" VARIES +.0, -.6, 4
- (8) DIMENSIONS ARE IN INCHES.
- 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 .05 T.I.R. UP TO
AND INCLUDING 41.27 DIA. AND .08 T.I.R. 41.27 DIA.
TO 127.00 MILL DIA.
- FACE RUNOUT AND — 250TC - 280TC INCL. .10 MAX. T.I.R.
320TC - 440TC INCL. .18 MAX. T.I.R.

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

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\381	REVISED: 09:17:32 08/28/2007	BY: RAGRHX
MTL: -		

Baldor • Dodge • Reliance

DIM SHEET 250TC THRU 440TC