

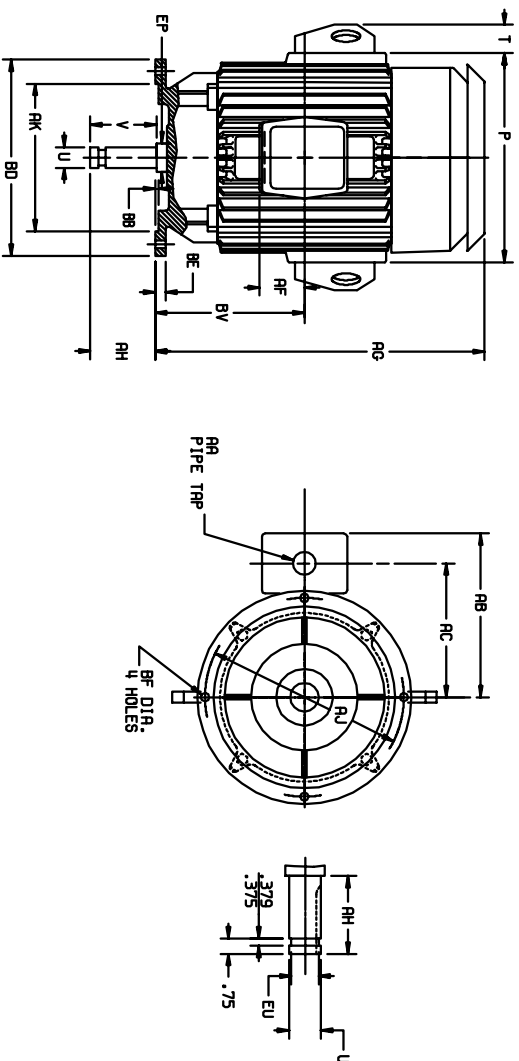
DUTY MASTER ALTERNATING CURRENT MOTORS

SCREW-LOCK INDUCTION
CAST IRON CONSTRUCTION

ENCLOSURE: TOTALLY ENCLOSED

COOLING: FAN COOLED

MOUNTING: NEMA HP & HPH NORMAL THRUST - SOLID SHAFT
FRAMES 250HP THRU 440HP



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

FRAME	P	T	CAST IRON TERMINAL BOX										(4)	RECOM. BOLT
			AA	AB	AC	AF	BB	BD	BE	BF	AJ	AK		
254HP-256HP	14.00	2.25	1-1/4	10.81	8.81	2.50	.19	10.00	.62	.44	9.12	8.250	3/8 X 1.50	
284HP-286HP	15.50	2.25	1-1/2	12.62	10.19	3.00	.19	10.00	.62	.44	9.12	8.250	3/8 X 1.50	
284HP-286HP	15.50	2.25	1-1/2	12.62	10.19	3.00	.25	16.50	.88	.69	14.75	13.500	5/8 X 2.00	
324HP-326HP	17.38	2.25	2	15.44	11.69	3.62	.25	16.50	.88	.69	14.75	13.500	5/8 X 2.00	
364HP-365HP	20.25	2.25	3	18.00	13.81	4.12	.25	16.50	.88	.69	14.75	13.500	5/8 X 2.00	
404HP-405HP	22.62	2.50	3	19.25	15.06	4.12	.25	16.50	.94	.69	14.75	13.500	5/8 X 2.00	
444HP-445HP	25.25	2.50	3	22.19	17.44	6.00	.25	16.50	1.06	.69	14.75	13.500	5/8 X 2.25	

FRAME SIZE	AG	BV	AH(6)	SHAFT AND KEY				SQ.	LGTH.	WEIGHT LBS. (3)
				V	U(2)	EU(6)	EP(MIN)			
254HP	22.44	9.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	3.30
256HP	22.44	9.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	3.40
284HP	24.81	10.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	4.60
286HP	24.81	10.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	4.75
284HPH	24.81	10.44	4.500	4.50	1.6250	1.250	1.75	.375	3.00	4.75
286HPH	24.81	10.44	4.500	4.50	1.6250	1.250	1.75	.375	3.00	4.90
324HP	28.06	11.75	4.500	4.50	1.6250	1.250	2.12	.375	3.00	6.10
326HP	28.06	11.75	4.500	4.50	1.6250	1.250	2.12	.375	3.00	6.50
364HP	30.75	12.75	4.500	4.50	1.6250	1.250	2.25	.375	3.00	8.60
365HP	30.75	12.75	4.500	4.50	1.6250	1.250	2.25	.375	3.00	9.80
404HP	34.68	14.62	4.500	4.50	1.6250	1.250	2.25	.375	3.00	13.10
405HP	34.69	14.62	4.500	4.50	1.6250	1.250	2.25	.375	3.00	13.10
444HP	40.38	17.50	4.500	4.50	2.125	1.750	2.25	.500	3.00	16.90
445HP	40.38	17.50	4.500	4.50	2.125	1.750	2.25	.500	3.00	18.90

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.

(2) "U" VARIES
HP TO 2.125 DIA. +.0000, -.0005
2.125 AND LARGER +.000, -.001.

(3) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.

(4) "AK" VARIES
250HP - 280HP +.003, -.000
280HP - 440HP +.005, -.000

(5) "EU" VARIES +.000, -.005

(6) "AH" VARIES +.030, -.030
- IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT
FACTORY.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED
AT END OF SHAFT EXTENSION IS .001 MAX. T.I.R.

FACE RUNOUT AND 250HP - 440HP .004 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: 000000449613
FILE: \RAG\00004\803	REVISED: 14:13:11 11/16/2007	BY: CONBPM
MTL: -		

BALDOR • DODGE • RELIANCE

DIM SHT 250-440HP TEFC HP, HPH MED THRUST W/ CBOX XT

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