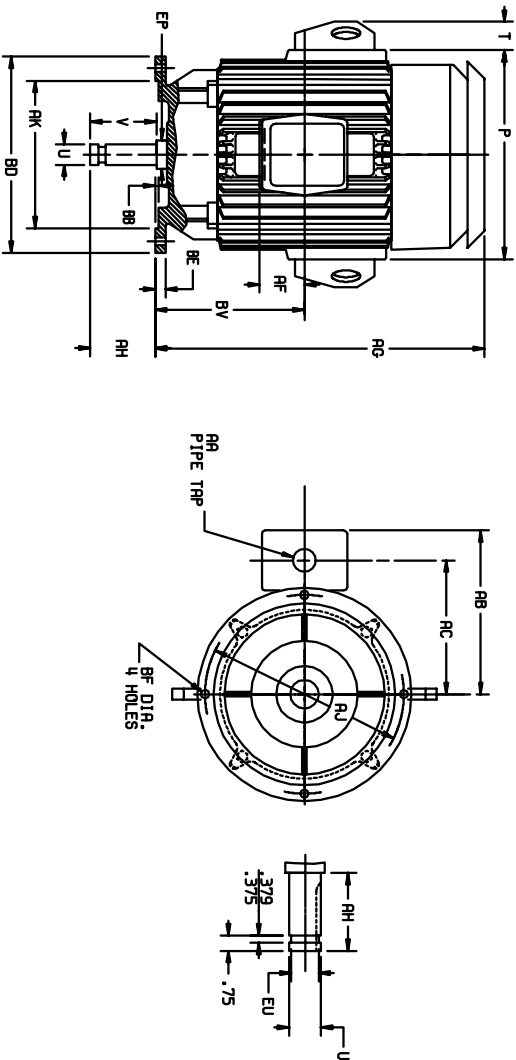


# DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION  
CAST IRON CONSTRUCTION

ENCLOSURE: TOTALLY ENCLOSED  
MOUNTING: NEMA HP & HPH NORMAL THRUST - SOLID SHAFT  
FRAMES 250HP THRU 440HP  
COOLING: FAN COOLED



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

FRAME	P	T	CAST IRON TERMINAL BOX				BD	BE	BF	A J	AK	(4)	RECOM. BOLT
			AA	AB	AC	AF							
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	.69	.44	9.12	8.250	3/8 X 1.50
284HP-286HPH	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
334HP-336HP	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
334HP-336HPH	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
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)	V	U(2)	SHAFT AND KEY			WEIGHT LBS. (3)
							EU(5)	EF(MIN)	SQ.	
254HP	22.44	9.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	330
256HP	22.44	9.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	340
284HP	24.81	10.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	460
286HP	24.81	10.44	2.750	2.75	1.1250	.875	1.75	.250	1.25	475
284HPH	24.81	10.44	4.500	4.50	1.6250	1.250	1.75	.375	3.00	475
286HPH	24.81	10.44	4.500	4.50	1.6250	1.250	1.75	.375	3.00	490
324HP	28.06	11.75	4.500	4.50	1.6250	1.250	2.12	.375	3.00	610
326HP	28.06	11.75	4.500	4.50	1.6250	1.250	2.12	.375	3.00	650
364HP	30.75	12.75	4.500	4.50	1.6250	1.250	2.25	.375	3.00	860
365HP	30.75	12.75	4.500	4.50	1.6250	1.250	2.25	.375	3.00	980
404HP	34.69	14.62	4.500	4.50	1.6250	1.250	2.25	.375	3.00	1310
405HP	34.69	14.62	4.500	4.50	1.6250	1.250	2.25	.375	3.00	1310
444HP	40.38	17.50	4.500	4.50	2.125	1.750	2.25	.500	3.00	1890
445HP	40.38	17.50	4.500	4.50	2.125	1.750	2.25	.500	3.00	1890

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
- (2) "U" VARIES HP TO 2.125 DIA. +.0000, -.0005  
2.125 AND LARGER +.000, -.001. MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF SHAFT EXTENSION IS .001 MAX. T.I.R.
- (3) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING. FACE RUNOUT AND 250HP - 440HP .004 MAX. T.I.R.
- (4) "AK" VARIES 250HP - 280HP +.003, -.000  
280HPH - 440HP +.005, -.000
- (5) "EU" VARIES +.000, -.005
- (6) "AH" VARIES +.030, -.030

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

REV. DESC: REMOVING TITLEBLOCK		
REV. LTR: A	VERSION: 01	TDR: 00000449613
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 \_\_\_\_\_