

PRODUCT INFORMATION PACKET



Model No: 256THFNA8832
Catalog No: 256THFNA8832
12.5,1800,TEFC,256TCV,3/60/230/460

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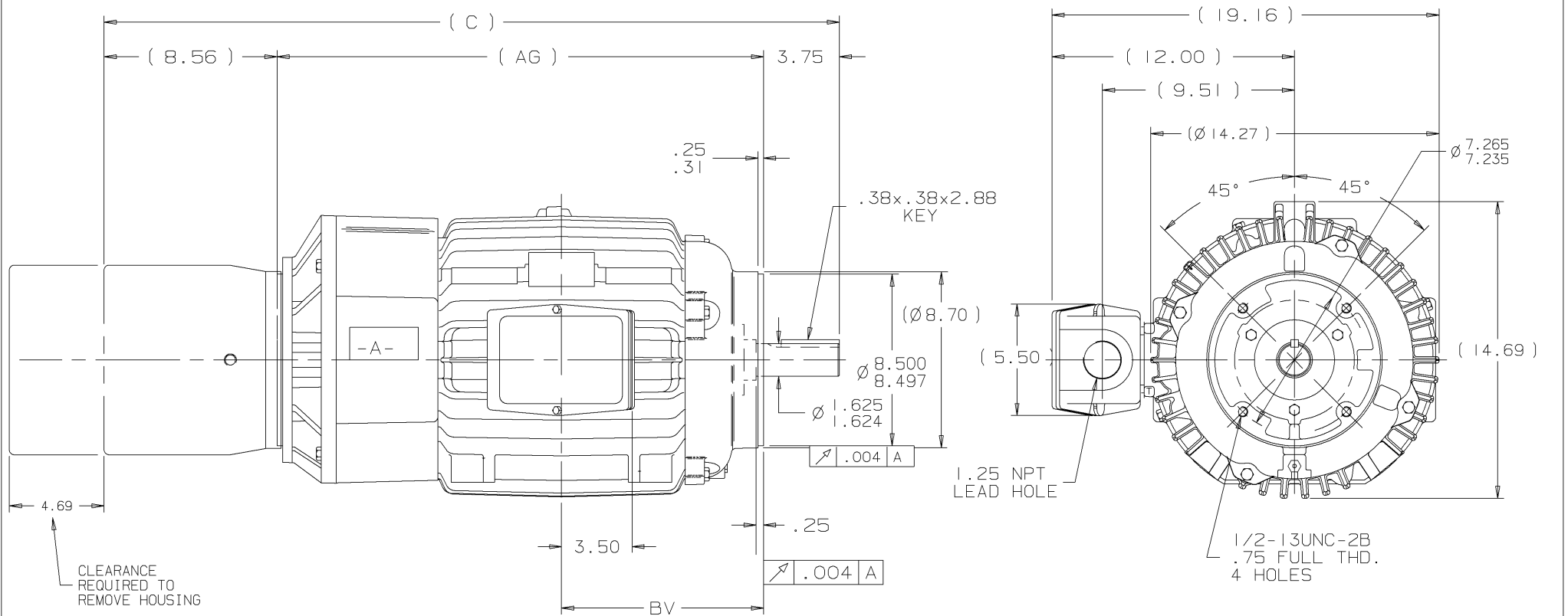
Nameplate Specifications

Phase	3	Output HP	12.50 Hp
Output KW	9.3 kW	Voltage	230/460 V
Speed	1785 rpm	Service Factor	1
Frame	256TCV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	89.5 %
Ambient Temperature	19 °C	Frequency	60 Hz
Current	41.0/20.5 A	Power Factor	62.5
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	P
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
CSA	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.3 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS203641-1225	Connection Drawing	A-EE7308T

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NOTES:

1. BOX CAN BE ROTATED ON ITS AXIS.
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO READ FROM CONDUIT BOX SIDE OF MOTOR.

											<div>✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE</div>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7°30"			
DASH	FRAME		C		BV	AG	2	04-23-2001	DASH 1225; 'AG' DIMENSION WAS 31.96 CN 31532	DRS	MATL SPEC	<div><div><div><div></div><div>MARATHON</div><div>ELECTRIC</div></div><div>WAUSAU, WISCONSIN 54401</div></div><div>DRAWN BY DAH</div></div>		03-30-2001	
							1	04-02-2001	NEW DRAWING MU36373	DAH	FINISH	<div><div><div><div></div><div>MARATHON</div><div>ELECTRIC</div></div><div>WAUSAU, WISCONSIN 54401</div></div><div>CHKD BY ML</div></div>		04-02-2001	
												<div><div><div><div></div><div>MARATHON</div><div>ELECTRIC</div></div><div>WAUSAU, WISCONSIN 54401</div></div><div>APPD BY DR</div></div>		04-02-2001	
1225	254-6TC		36.38		10.00	24.07	REV	DATE	CHANGE	NAME	PART NAME OUTLINE - TEFC 250TC FR. - BB - TS		DRWG NO B- SS20364 I		
								SHOP BOOK		PURCHASED		DISTRIBUTION - WA - LB - WP - LM - BR		CADD FILE NO.	SS20364 I

HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE

THREE PHASE
DUAL VOLTAGE MOTOR

VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ECO DESCRIPTION
ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY SMC
DATE 05-13-1992
APPROVED BY TB
DATE 05-13-1992
REFERENCE EE7308/EE7300

THIRD ANGLE PROJECTION
REFERENCE EE7308/EE7300

THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-INTERNAL
3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL PROCESS/FINISH

SIZE A DRAWING NUMBER EE7308T

SHEET 1 OF 1