

PRODUCT INFORMATION PACKET



Model No: 256THFNA8008
Catalog No: 256THFNA8008
20,3600,TEFC,256T,3/60/230/460

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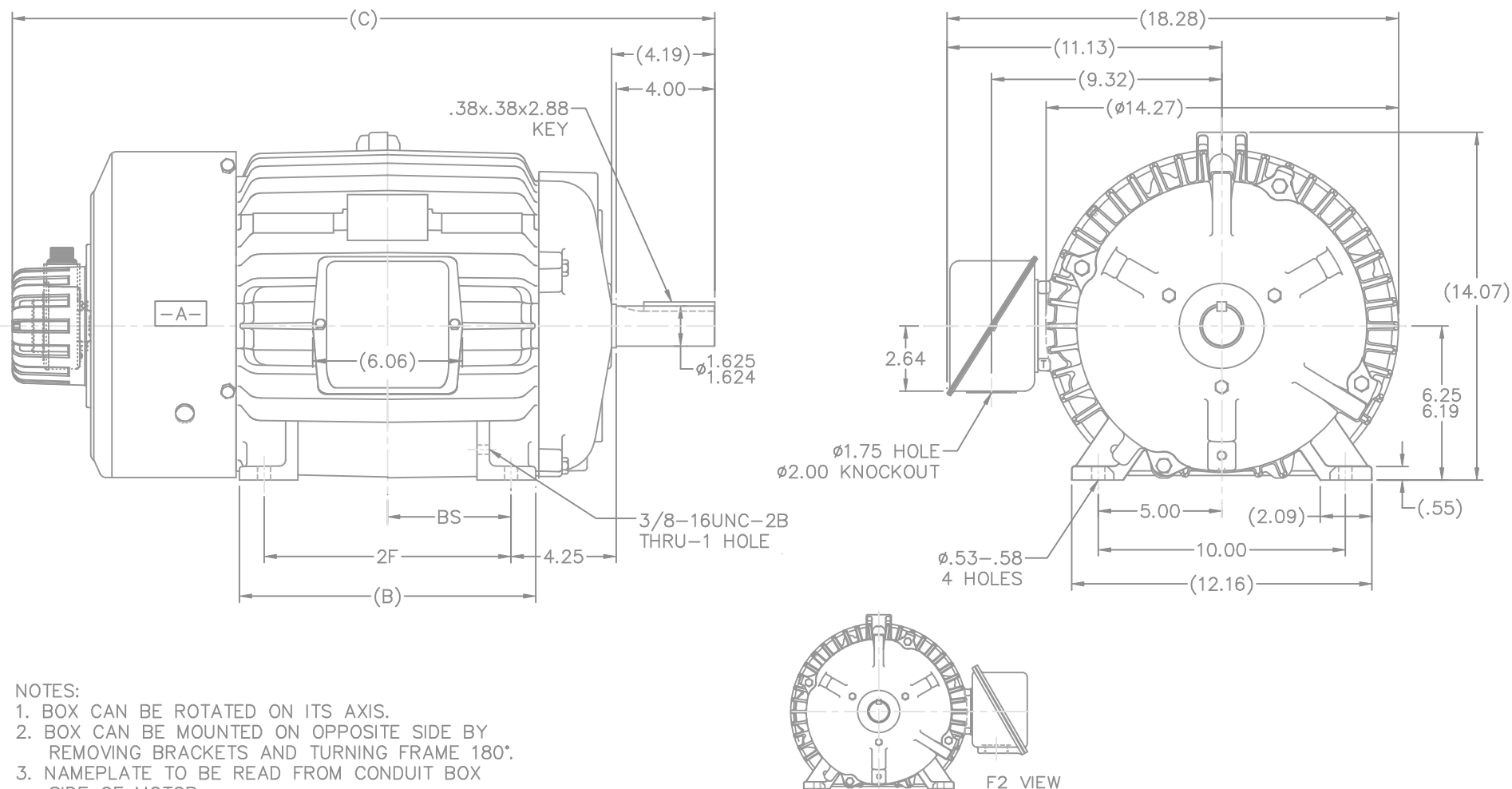
Nameplate Specifications

Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	230/460 V
Speed	3537 rpm	Service Factor	1
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	92.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	47.0/23.4 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	G
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
UL	No	CSA	Y
IP Code	43	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	2	Rotation	Reversible
Resistance Main	.394 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	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-SS203659-1225	Connection Drawing	A-EE7308T

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DASH	FRAME	B	C	2F	BS
1050	254T	10.25	26.70	8.25	4.12
1225	256T	12.00	28.45	10.00	5.00

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN DAH 05-22-2001	
		DEC.	INCHES			CHK	ML 05-23-2001
		.X	±.1			APPD	BW 05-23-2001
		.XX	±.03			SCALE	1=4
		.XXX	±.005	TITLE OUTLINE -TEFC - TFNA 250T FR. -BB -		REF	
		.XXXX	±.0005	MAT'L		FMF	
		CHK	ANG ±7'30"	FINISH		PREV	
1 NEW DRAWING MU37426		DAH 05-23-2001		RFP 05-23-2001		CAD FILE ss203659	
NO. REVISION		BY & DATE		SIZE B		DRAWING NO.	PAGE OF
						SS203659	1

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HIGH VOLTAGE

THREE PHASE
DUAL VOLTAGE MOTOR

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



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



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	