

PRODUCT INFORMATION PACKET



Model No: 256THFNA18002
Catalog No: 256THFNA18002
20,3600,TEFC,256T,3/60/230/460

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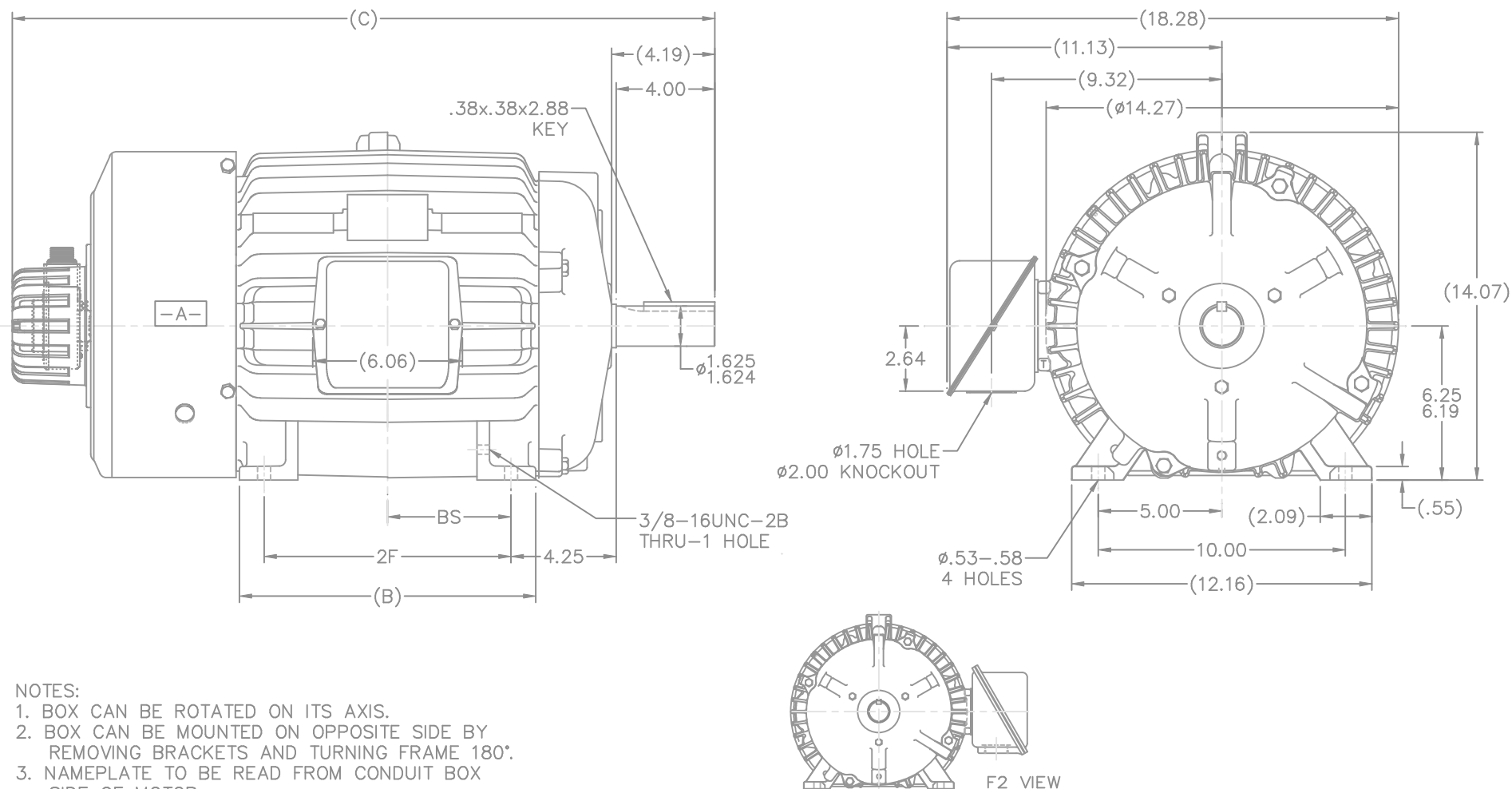
Nameplate Specifications

Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	230/460 V
Speed	3550 rpm	Service Factor	1
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	48.0/24.0 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	K
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	.31 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	F2/F1 CAPABLE
Outline Drawing	B-SS203659-1225	Connection Drawing	A-EE7308T

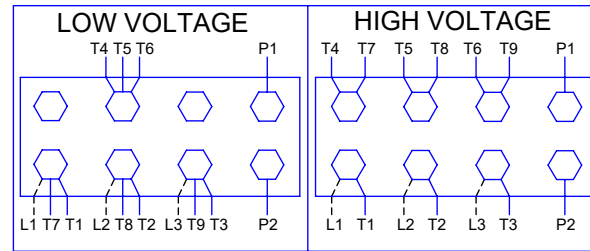
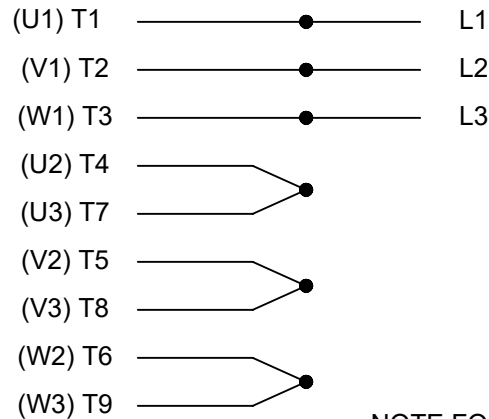
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DASH	FRAME	B	C	2F	BS
1050	254T	10.25	26.70	8.25	4.12
1225	256T	12.00	28.45	10.00	5.00

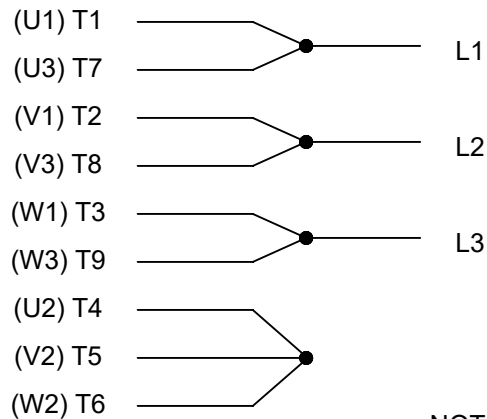
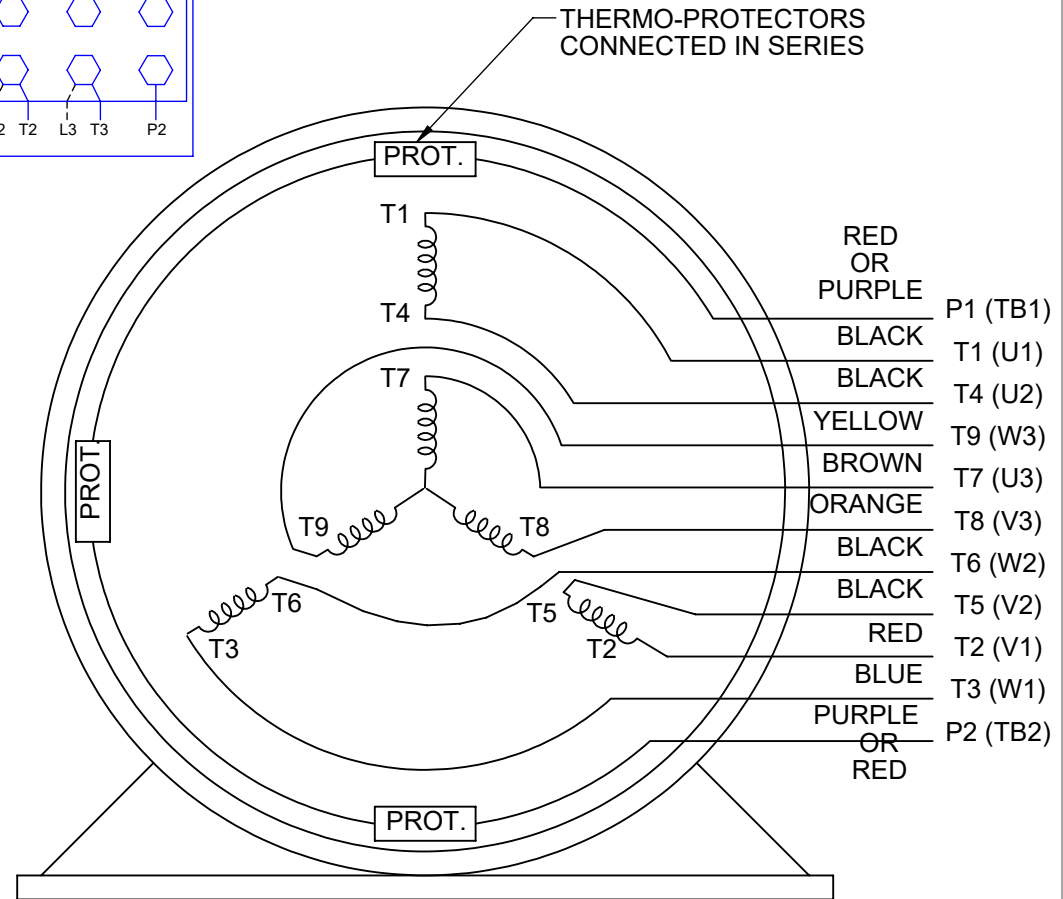
		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DAH 05-22-2001
		DEC.	INCHES		
		.X	±.1		CHK ML 05-23-2001
		.XX	±.03		APPD BW 05-23-2001
		.XXX	±.005		SCALE 1=4
		.XXXX	±.0005		REF
1	NEW DRAWING MU37426	DAH 05-23-2001		TITLE OUTLINE -TEFC - TFNA 250T FR. -BB -	FMF
NO.	REVISION	BY & DATE	CHK	ANG	FINISH
			RFP	05-23-2001	CAD FILE ss203659
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					PAGE 1
					REV. 1

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



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