

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 286TSTFPA4005

Catalog No: E819

30 HP General Purpose Motor, 3 phase, 3600 RPM, 575 V, 286TS Frame, TEFC
General Purpose Motors



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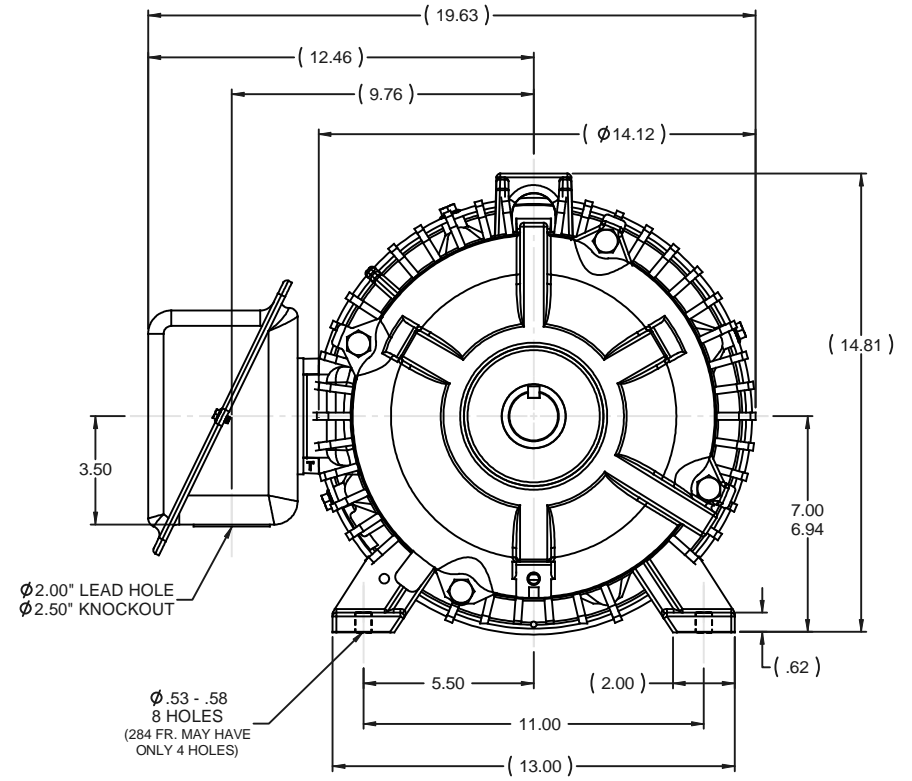
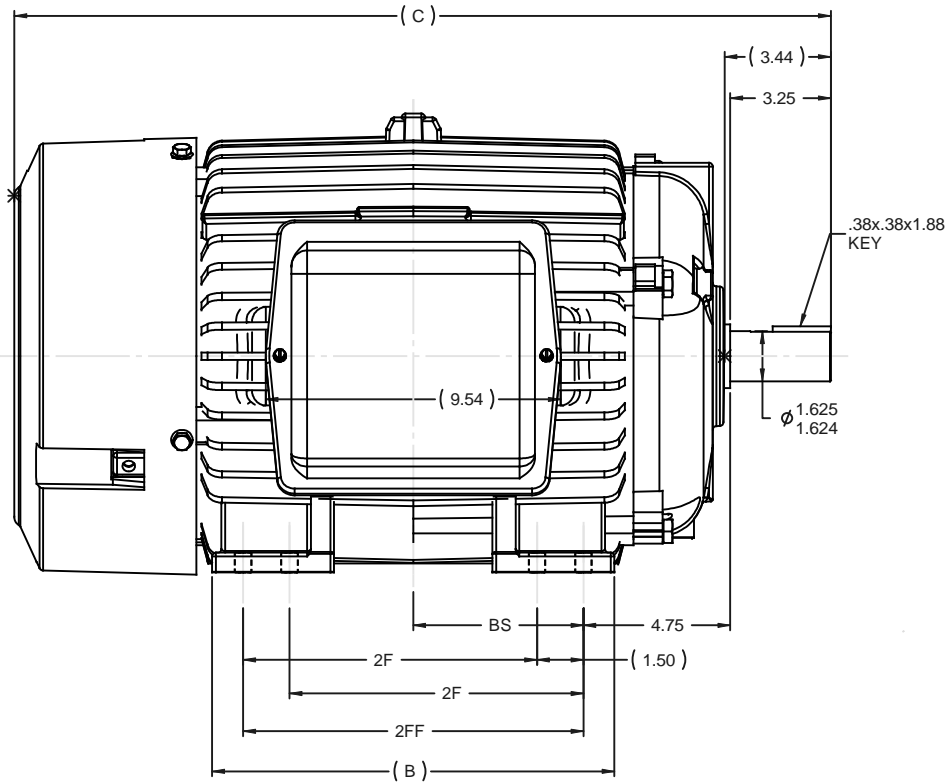
RegalRexnord

Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	575 V
Current	28.8 A	Speed	3530 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	85.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	286TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.29 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	26.39 in
Frame Length	14.25 in	Shaft Diameter	1.625 in
Shaft Extension	3.44 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7300	Outline Drawing	B-SS311036-1425



- NOTES:
- 1- CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 - 2- CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
 - 3- NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2FF	BS	NO	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV	SS200047
1275	284TS	11.50	24.89	9.50		4.75	5	REVISED MOUNTING HOLE QUANTITY CN 40694	DRS 10-25-2006	ML	DEC	INCHES			
1425	284/6TS	13.00	26.39	9.50	11.00	5.50	4	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	X	±.1			
							3	CORRECTED C'BOX HOLE NOTE CN 29200-1454	HLB 02-16-2001	XX	±.03				
							2	REMOVED DUAL DRILLING FROM FEET CN 29200-991	NJS 10-26-2000	XXX	±.005				
							1	NEW DRAWING	DRS 07-10-2000	XXX	±.0005				
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										DIST	LB				
										SIZE	B		DRAWING NO	SS311036	REV
															5

THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

TERMINAL BLOCK WHEN SPECIFIED



IF MOTOR HAS 6 LEADS



A-9806 DECAL

OPTIONAL CORD CONNECTION



VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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