

# PRODUCT INFORMATION PACKET



Model No: 284TSTFPA4001

Catalog No: E975

Other Purpose Motor, 25 & 20 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,  
284TS Frame, TEFC

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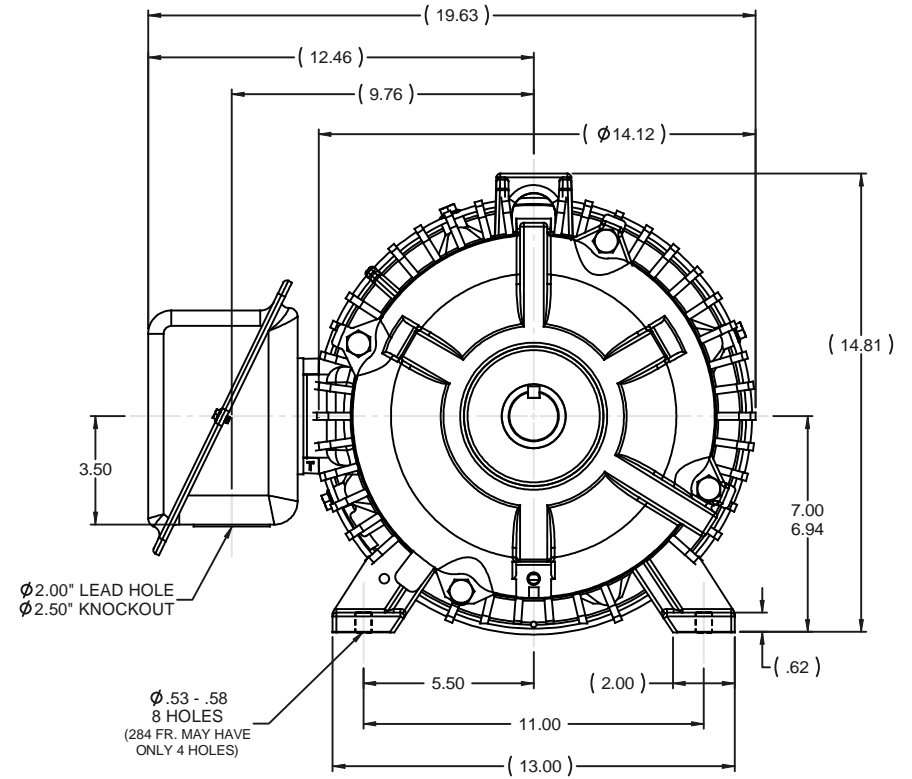
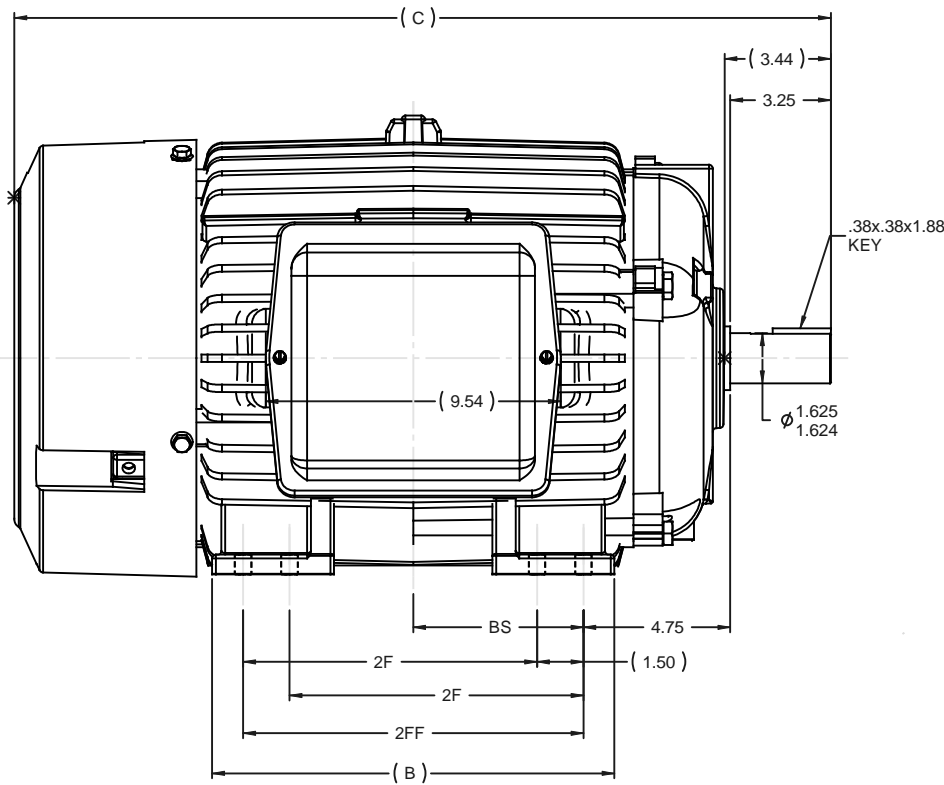


### Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	230/460 & 190/380 V
Speed	3525 & 2925 rpm	Service Factor	1.15 & 1.15
Frame	284TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	60/30 & 57.5/28.8 A	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
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	.033 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	24.89 in
Frame Length	12.75 in	Shaft Diameter	1.625 in
Shaft Extension	3.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311036-1275	Connection Drawing	A-EE7308



- 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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										RFP					
										DIST	LB				



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		DRAWN RM	ML	OF	REV.
					DEC.	INCHES				
5	CHG TO REGAL LOGO	SL 09/10/2015	AB				 <b>Regal Beloit America, Inc.</b>			
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1					
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02					
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005					
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005					
					±7'30"		FINISH			
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