PRODUCT INFORMATION PACKET

Model No: 286TTFPA17079 Catalog No: M894

Other Purpose Motor, 20 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 286HPV Frame, TEFC



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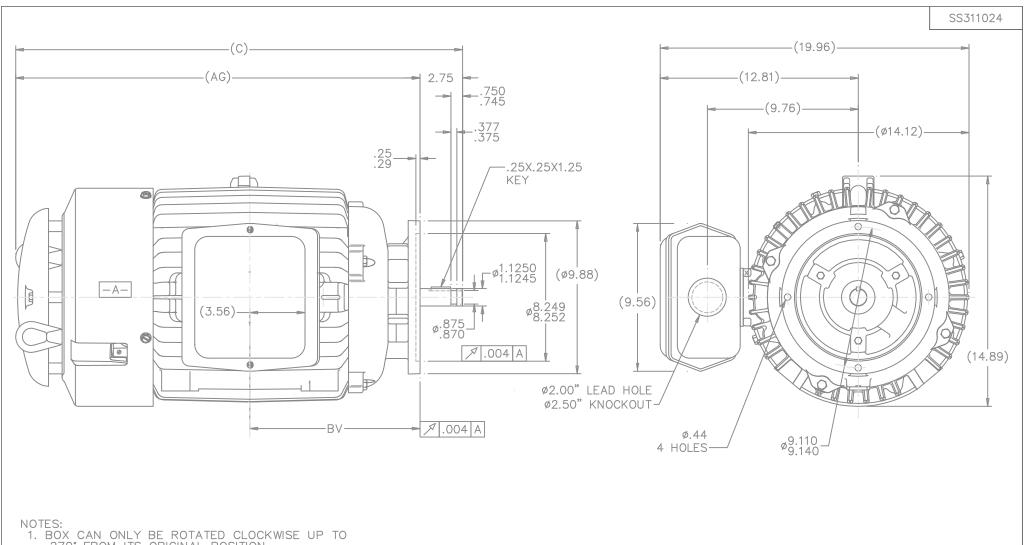
Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW			
Frequency	60 Hz	Voltage	230/460 V			
Current	52.5/26.2 A	Speed	1160 rpm			
Service Factor	1.15	Phase	3			
Efficiency	87.5 %	Power Factor	82			
Duty	Continuous	Insulation Class	F			
Design Code	В	KVA Code	F			
Frame	286HPV	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Ambient Temperature	40 °C			
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210			
UL	Recognized	CSA	Υ			
CE	Υ	IP Code	43			
Number of Speeds	1					

Technical Specifications

Electrical Type	Squirrel Cage Induction Run Starting Method		Across The Line		
Poles	6	Rotation	Reversible		
Resistance Main	.58 Ohms	Mounting	Round		
Motor Orientation	or Orientation Shaft Down		Ball		
Opp Drive End Bearing	Ball	Frame Material	Cast Iron		
Shaft Type	HP	Overall Length	27.38 in		
Frame Length	14.25 in	Shaft Diameter	1.875 in		
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE B-SS311024-1425		
Connection Drawing	A-EE7308	Outline Drawing			

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- BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
 NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	AG	С	BV
1275	284/6HP	26.13	28.88	11.00
1425	284/6HP	27.63	27.38	12.50

					UNLES	LERANCES SS SPECIFIED		DRAW	1 CAV 04-17	7-2000
					DEC.	INCHES		СНК	ML 05-03	5-2000
					.x	±.1		APPD	GK 05-03	3-2000
3	5	CHANGED TOLERANCE FROM .007 TO .004 CN 31741	BJK 07-18-2002	DRS	.xx	±.03	TITLE OUTLINE — TEFC	SCALE	1=4	
2	2	CORRECTED C'BOX HOLOE NOTE CN 29200-1454	HLB 02-16-2001		.xxx	±.005	280HP FR BB - P'BASE - 11.00 LAM		REF	
1		NEW DRAWING MU23810	CAV 05-03-2000		.xxxx	±.0005	MAT'L.	FMF		
N	0.	REVISION	BY & DATE CHK ANG ±7'30" I		±7"30"	FINISH	PREV			
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