

PRODUCT INFORMATION PACKET



Model No: 286TTFPA14011

Catalog No: M900A

30 HP Vertical Solid Shaft P-Base Motor, 3 phase, 3600 RPM, 230/460 V, 286HPV Frame, TEFC
Vertical Pump Motors

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Nameplate Specifications


Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	230/460 V
Current	72.0/36.0 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	286HPV	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	Round
Motor Orientation	Shaft Down	Drive End Bearing	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
Connection Drawing	A-EE7308	Outline Drawing	B-SS311024-1425

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

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

					TOLERANCES UNLESS SPECIFIED			DRAWN CAV 04-17-2000
					DEC. INCHES			CHK ML 05-03-2000
					.X ±.1			APPD GK 05-03-2000
3	CHANGED TOLERANCE FROM .007 TO .004 CN 31741	BJK 07-18-2002	DRS.XX ±.03	TITLE OUTLINE - TEFC				SCALE 1=4
2	CORRECTED C'BOX HOLOE NOTE CN 29200-1454 HLB 02-06-2001		.XXX ±.005	280HP FR. - BB - P'BASE - 11.00 LAM				REF
1	NEW DRAWING MU23810 CAV 05-03-2000		.XXXX ±.0005	MAT'L.				FIMF
NO.	REVISION	BY & DATE	CHK ANG ±7°30"	FINISH				PREV
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				DIST LB	B			SS311024 3
					SIZE B			DRAWING NO. PAGE OF REV.



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		RFP	CAD FILE	SIZE	DRAWING NO.	PAGE	OF	REV.
					DEC.	INCHES							
5	CHG TO REGAL LOGO	SL 09/10/2015	AB		DEC.	INCHES							
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"							
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