

PRODUCT INFORMATION PACKET



Model No: 284TTFPA14048

Catalog No: M897A

25 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1800 RPM, 230/460 V, 284HPV Frame, TEFC
Vertical Pump Motors

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Nameplate Specifications


Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	62.0/31.0 A	Speed	1762 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	284HPV	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	4	Rotation	Reversible
Resistance Main	.38 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	28.88 in
Frame Length	12.75 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	B-SS311024-1275

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.					FMF			
NO.	REVISION	BY & DATE	CHK ANG ±7°30"	FINISH					PREV			
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				DIST LB								



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML	11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS	04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE	1=1
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		REF
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH		PREV
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			DIST WP				A	EE7308

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