

PRODUCT INFORMATION PACKET



Model No: 284TTDR14011

Catalog No: M825A

30 HP Vertical Solid Shaft P-Base Motor, 3 phase, 3600 RPM, 230/460 V, 284HPV Frame, ODP
Vertical Pump Motors

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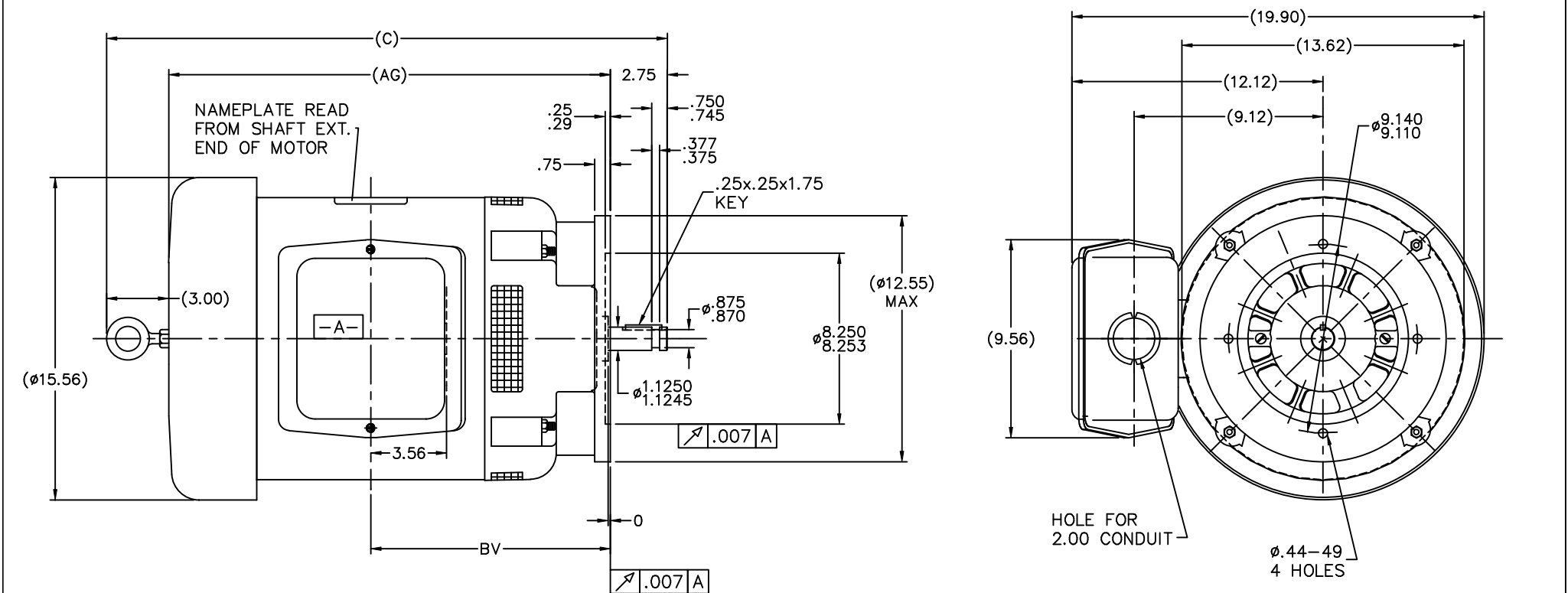


Nameplate Specifications

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	F
Frame	284HPV	Enclosure	Drip Proof
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	22
Number of Speeds	1		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.364 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	HP	Overall Length	27.06 in
Frame Length	11.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308	Outline Drawing	B-SS28183-1100



NOTE:

1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATE TO BE READ FROM SHAFT EXT. END OF MOTOR

DASH	FRAME	AG	C	BV		
1100	284/6HP	21.31	27.06	11.56		
1250	284/6HP	22.81	28.56	12.31		
1350	284/6HP	23.81	29.56	12.81		

					TOLERANCES UNLESS SPECIFIED			DRAWN NJS 12-29-1999			
					DEC.	INCHES		CHK ML 12-28-1999			
10	REDRAWN IN AUTOCAD		TAT 07-22-2004	ML	.X	±.1		APPD GK 12-29-2000			
9	REVISED TO NEC CONDUIT BOX CN 28428	NJS 02-18-2000	.XX	±.03	TITLE OUTLINE-"P" FLG.-NEMA SHAFT EXT. 280 HP FR.-BB-TS-VERT. DR. PR.			SCALE 7=32			
8	ADDED 286 FR. TO DASH 1100 MU28622	MJD 02-10-2000	.XXX	±.005				REF			
7	REDRAWN ON CADD - WAS "A" SIZE	NJS 12-29-1999	.XXXX	±.0005	MAT'L				FMF		
NO.	REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH	PREV			
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				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		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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