

PRODUCT INFORMATION PACKET



Model No: 324TTDR14010

Catalog No: M833A

50 HP Vertical Solid Shaft P-Base Motor, 3 phase, 3600 RPM, 230/460 V, 324HPV Frame, ODP
Vertical Pump Motors

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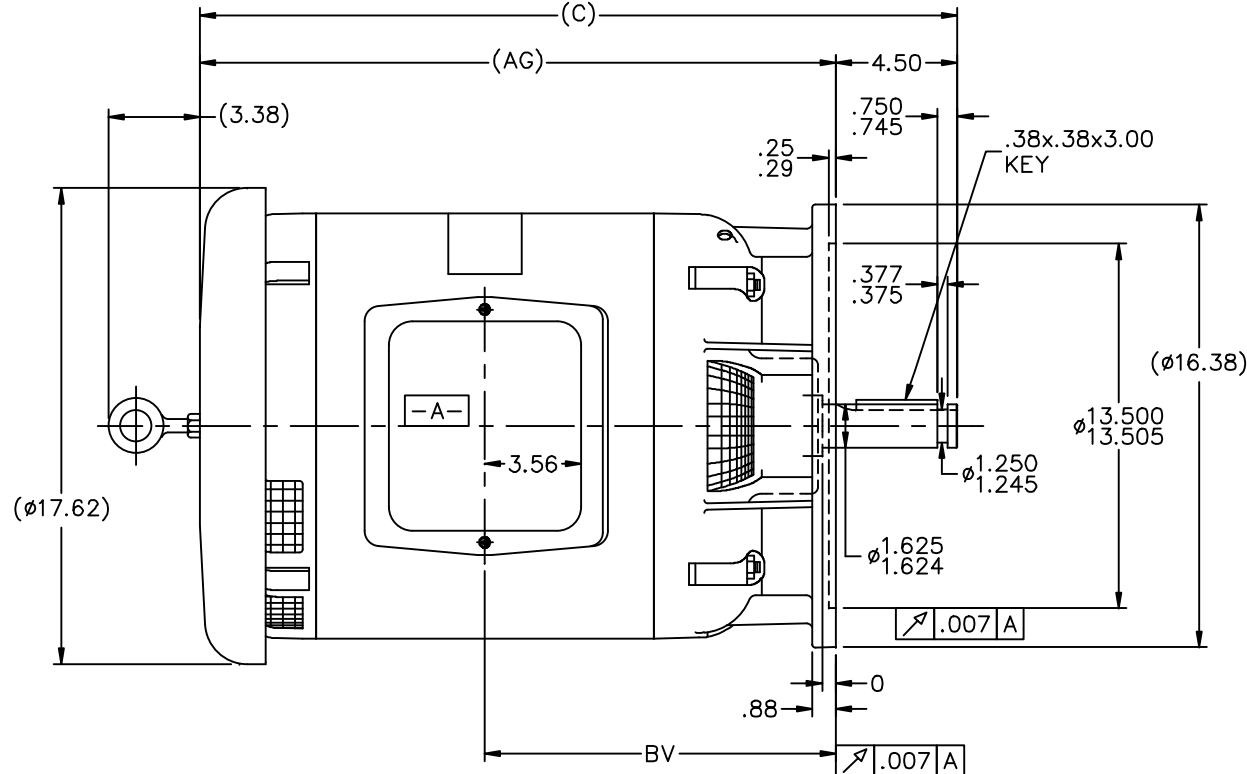


Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	117.0/58.5 A	Speed	3555 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	324HPV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start Low Volt Only
Poles	2	Rotation	Reversible
Resistance Main	.19 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	29.56 in
Frame Length	14.00 in	Shaft Diameter	1.625 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS28314-1400	Connection Drawing	A-EE7308AA



NOTES:

1. C'BOX CAN BE ROTATED IN 90° STEP.
2. NAMEPLATE TO BE READ FROM SHAFT END OF MOTOR
3. MAX. SHAFT RUNOUT .002

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DASH	FRAME	C	AG	BV
1250	320	28.06	23.56	13.00
1400	320	29.56	25.06	13.75
1450	320	30.06	25.56	14.00
1500	320	30.56	26.06	14.12

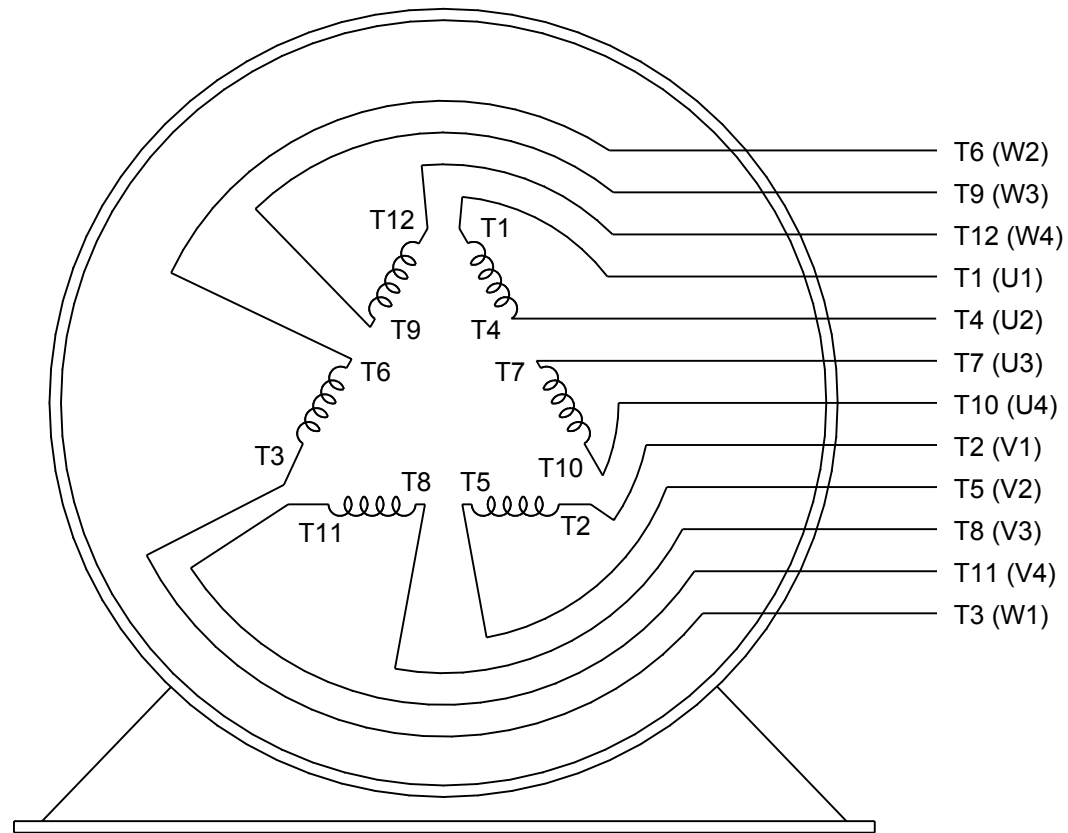
14	REVISED NOTE # 2 (ECN 23047)	REP 01-16-2012	BW	TOLERANCES UNLESS SPECIFIED		DRAWN MJD 01-27-1999	
15	ECN 16735	NJS 6/21/2010	BW	DEC. INCHES		CHK	ML 02-01-1999
14	REVISED NAMEPLATE LOCATION 09-3901	MSG 9/22/2009	DR	X ±.1		APPD	DD 02-01-1999
13	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML	.XX ±.03		SCALE	7=32
12	REVISED TO NEC CONDUIT BOX CN 28428	BJW 02-04-2000		.XXX ±.005		REF	
11	FRAME TYPES NOW 320 CN 27400-327	DRS 08-23-1999		.XXXX ±.0005	MAT'L	FMF	
NO.	REVISION	BY & DATE	CHK	ANG ±7°30"	FINISH	PREV	
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			DIST LB			SIZE B	DRAWING NO. SS28314
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LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	THIRD ANGLE PROJECTION
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1