

PRODUCT INFORMATION PACKET



Model No: 404TTDS14005

Catalog No: M849A

125 HP Vertical Solid Shaft P-Base Motor, 3 phase, 3600 RPM, 460 V, 404HPV Frame, ODP
Vertical Pump Motors

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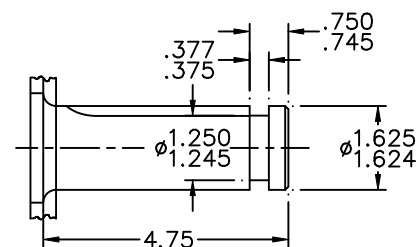
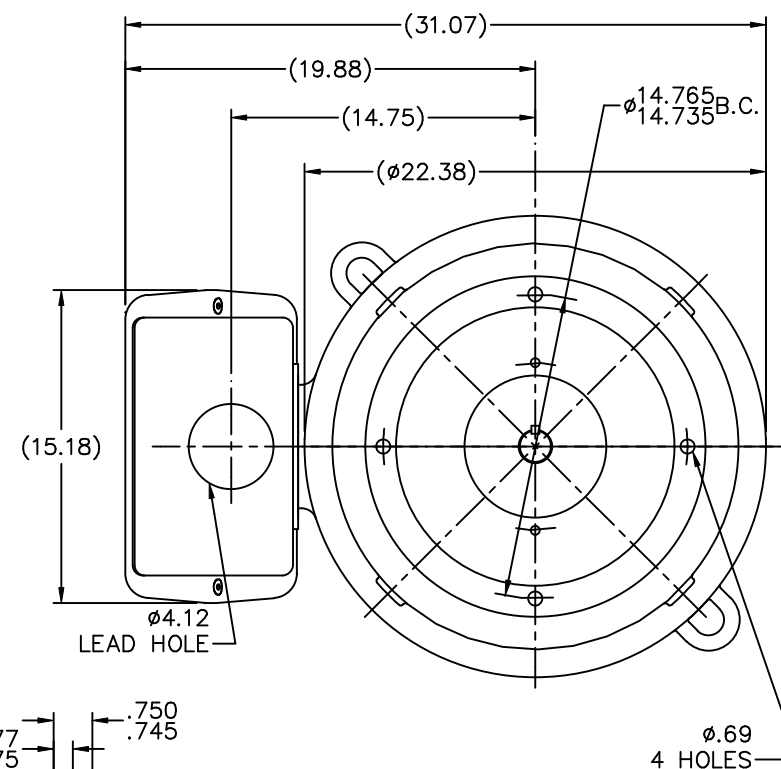
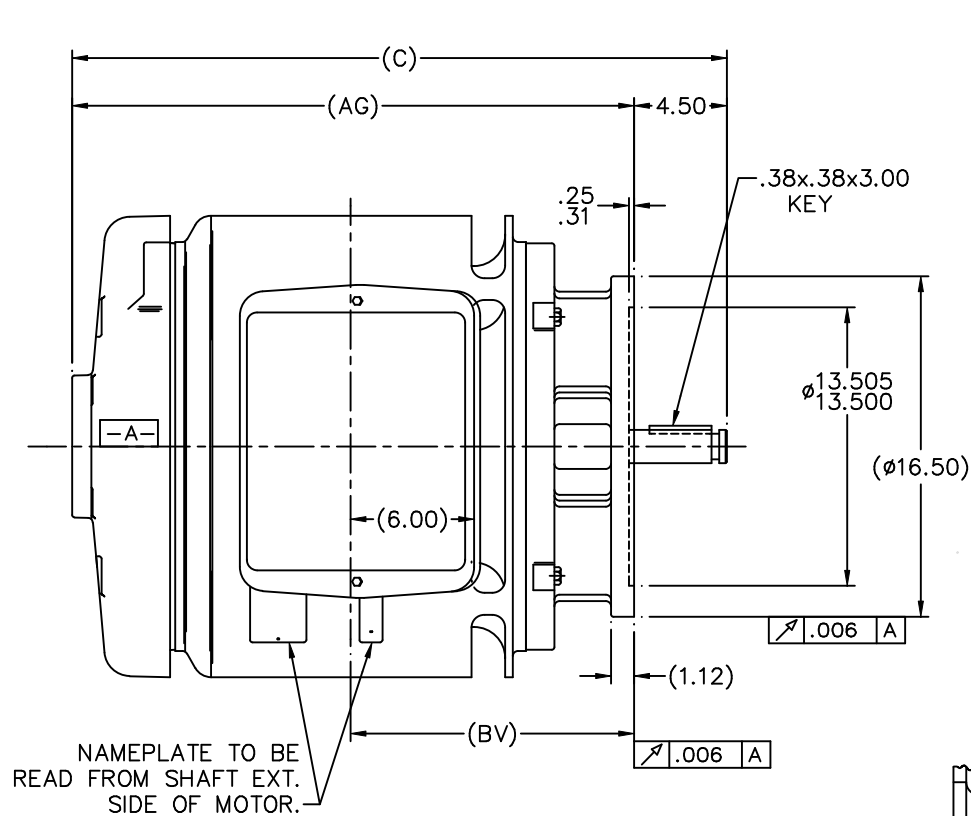


Nameplate Specifications

Output HP	125 Hp	Output KW	93.0 kW
Frequency	60 Hz	Voltage	460 V
Current	142.0 A	Speed	3560 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	88
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	F
Frame	404HPV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

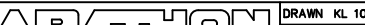
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.055 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	HP	Overall Length	31.75 in
Frame Length	17.00 in	Shaft Diameter	1.625 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS504367-1700	Connection Drawing	A-EE7300U



DETAIL OF SHAFT EXT.

NOTE:
1. CONDUIT BOX CAN BE ROTATED
IN 90° STEPS.

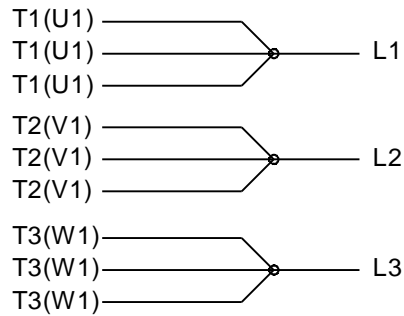
DASH	FRAME	C	AG	BV
1700	400FR	31.75	27.25	13.75

					TOLERANCES UNLESS SPECIFIED			DRAWN KL 10-21-1993				
					DEC.	INCHES		CHK	ML 10-21-1993			
12	UPDATED DRAWING 400 FR. WAS 400 HP		RJW 05-07-2007	ML	.X	±.1		APPD	TB 10-28-1993			
11	REVISED FRONT BRKT. PER CASTING CHANGES CN29499		NJS 07-24-2001		.XX	±.03	TITLE OUTLINE		SCALE 1=6			
10	UPDATED C'BOX GEOMETRY CN28063		NJS 02-15-2000		.XXX	±.005	400 FR. - DR. PR.		REF			
9	REDRAWN ON CADD - NO CHANGE 4086472		KL 10-28-1993		.XXXX	±.0005	MAT'L		FMF			
NO.	REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH		PREV			
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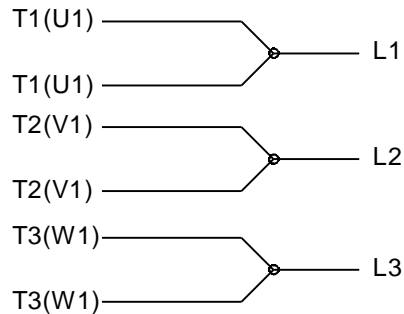
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OFFENDING COMMAND: Psc

STACK:

IF MOTOR HAS 9 LEADS

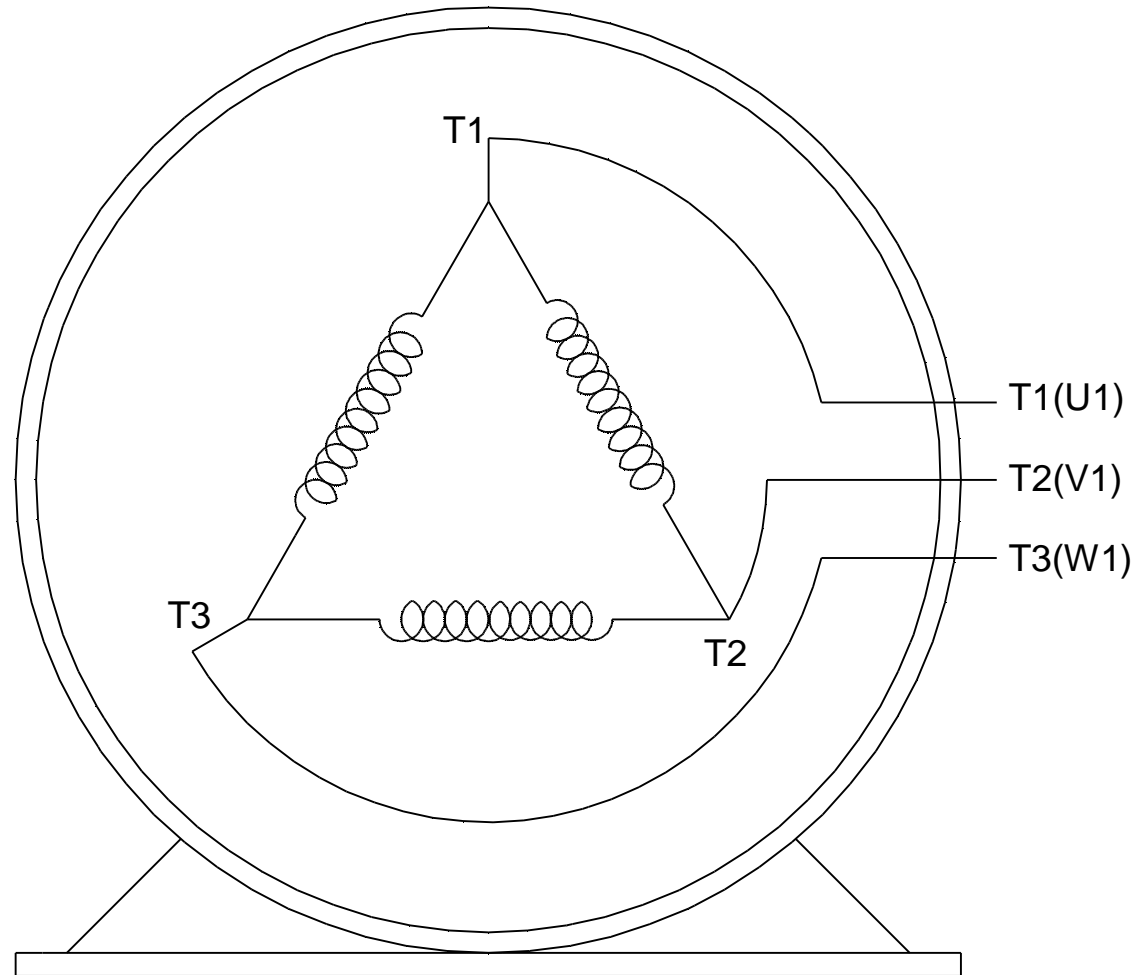
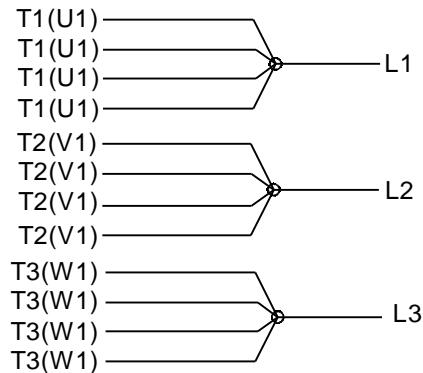


IF MOTOR HAS 6 LEADS




A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS



VIEW OF TERMINAL END

DRAWING REVISION L	REVISION BY AJW	DATE 05-04-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: <div><div>DEC.</div><div>INCH.</div><div>mm</div><div>ANGLE</div></div> <div><div>.X</div><div>±0.1</div><div>[±2.5]</div><div>±7' 30"</div></div> <div><div>.XX</div><div>±0.02</div><div>[±0.51]</div></div> <div><div>XXX</div><div>±0.005</div><div>[±0.127]</div></div> <div><div>.XXXX</div><div>±0.0005</div><div>[±0.0127]</div></div> <div>REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200[✓]_{INCH} 5.1[✓]_{mm} mm SHOWN IN [BRACKETS]</div>		DRAWN BY DRS	<div><div>REGAL™</div><div>Regal Beloit America, Inc.</div></div>	
ECO ECO-0077067	APPROVED BY EWH	DATE 05-05-2015			DATE 09-27-1996		
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					DATE 09-30-1996		
			REFERENCE	MATERIAL	PROCESS/FINISH		
			THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER EE7300U	SHEET 1 OF 1