

PRODUCT INFORMATION PACKET



Model No: 444TTFN14080

Catalog No: M922A

100 HP Vertical Solid Shaft P-Base Motor, 3 phase, 1200 RPM, 230/460 V, 444HPV Frame, TEFC
Vertical Pump Motors

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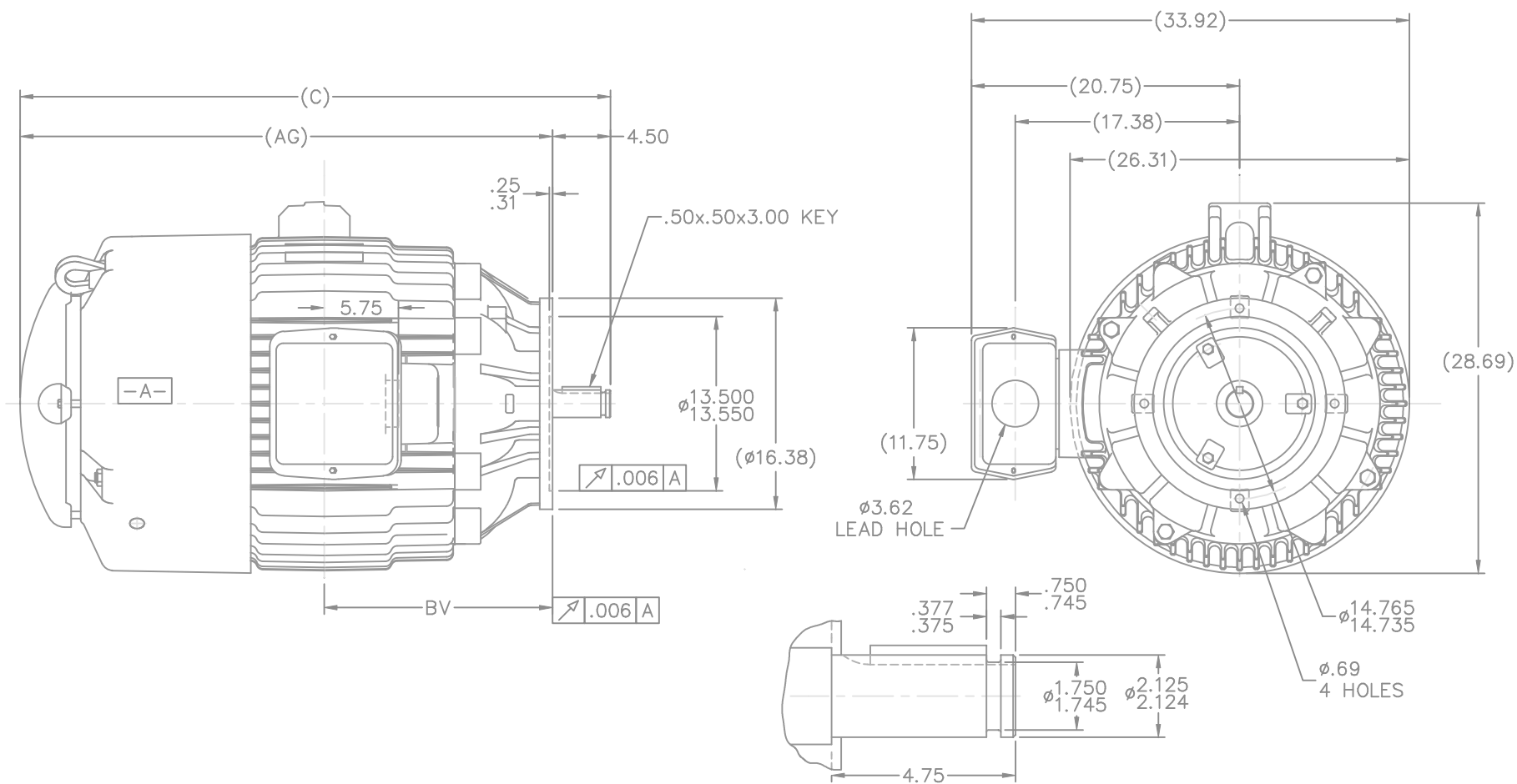


Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	248.0/124.0 A	Speed	1188 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	444HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313
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	6	Rotation	Reversible
Resistance Main	.053 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	43.50 in
Frame Length	20.25 in	Shaft Diameter	2.125 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308K	Outline Drawing	B-SS514394-2025

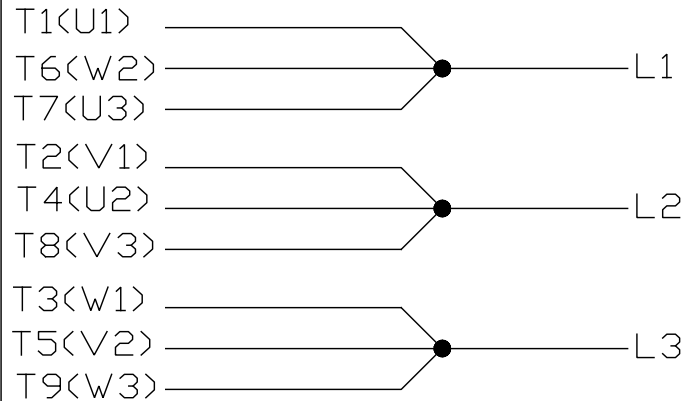
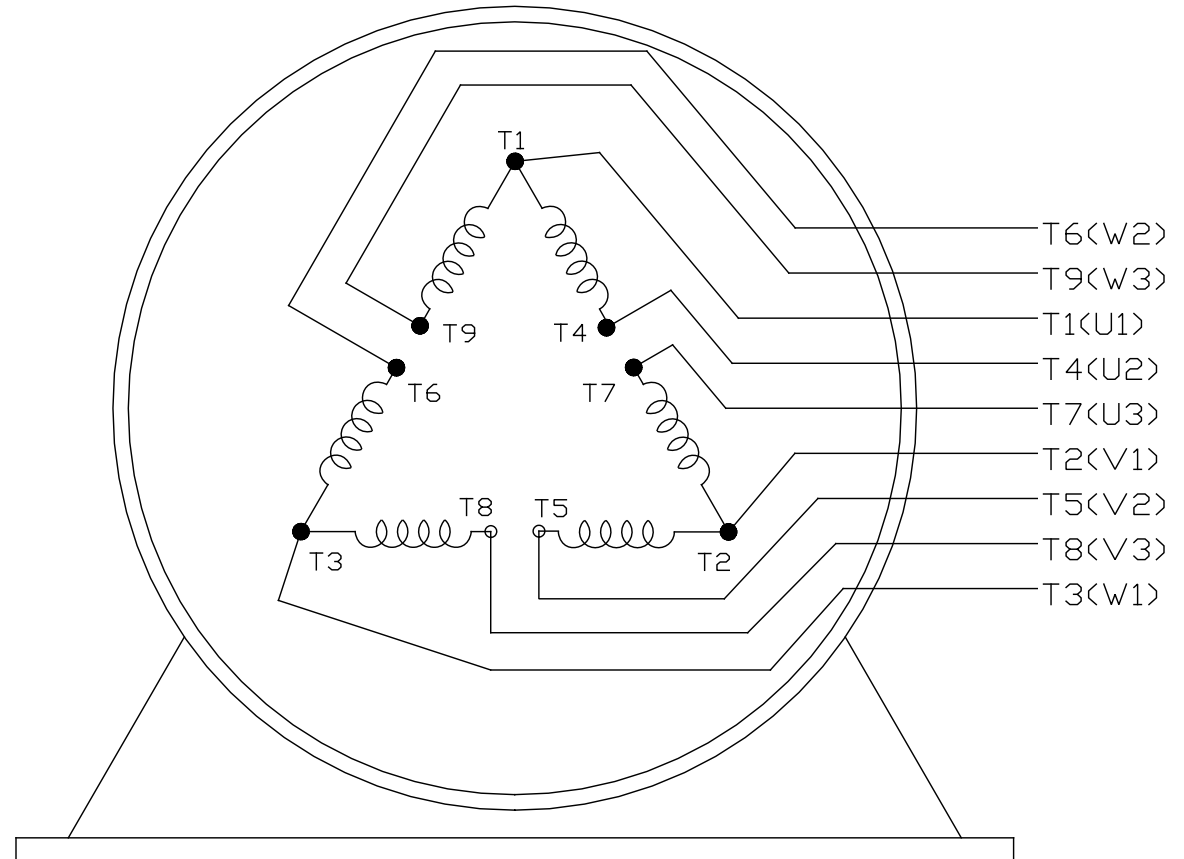
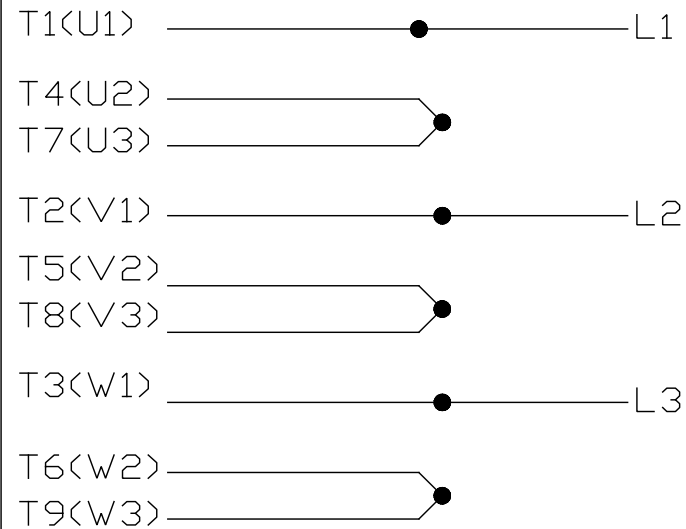


NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF THE MOTOR


DASH	FRAME	C	AG	BV
2025	444/445HP	43.50	39.00	17.69

					TOLERANCES UNLESS SPECIFIED			DRAWN DA 12-14-1992
					DEC INCHES			CHK ML 12-16-1992
					.X ±.1			APPD TB 12-16-1992
3	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML	.XX ±.03	TITLE OUTLINE - "P" BASE 444-445HP FR. - TEFC		SCALE 1=8	
2	REM. EYEBOLT, REPLACED WITH NEW FRAME CN 22904	MJD 04-29-1997		.XXX ±.005			REF	
1	NEW DRAWING 3977863	DA 12-17-1992		.XXXX ±.0005	MAT'L		FMF	
NO.	REVISION	BY & DATE	CHK	ANG ±.730"	FINISH		PREV	
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EE7308K

LOW VOLTAGEHIGH VOLTAGE

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN PGK 06-04-1997					
E	CORRECTED IEC MARKINGS	ECO-0111208	WGJ 01-23-2017	EMH	DEC.		INCHES	CHK	ML	06-05-1997		
D	RE-DRAWN WITH REGAL LOGO	ECO-0110493	WGJ 09-30-2016	EMH	.X		±.1	APPD	GK	06-15-1997		
8	ADDED IEC DESIGNATIONS	MU95020	TJW 4/30/2010	MJS	.XX		±.02	TITLE CONNECTION DIAGRAM DELTA CON. - 3Ø - 9 LEADS		SCALE		
7	REVISED HIGH VOLTAGE L2 WAS L3	CN52600-354	MRB 09-21-1998		.XXX		±.005			REF		
6	REDRAWN ON CADD		PGK 06-05-1997		.XXXX	±.0005	MAT'L.		FMF			
NO.	REVISION		BY & DATE	CHK	ANG	± 7/30"	FINISH		PREV			
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