

PRODUCT INFORMATION PACKET



Model No: 444TTDS14003

Catalog No: M857A

200 HP Vertical Solid Shaft P-Base Motor, 3 phase, 3600 RPM, 460 V, 444HPV Frame, ODP
Vertical Pump Motors

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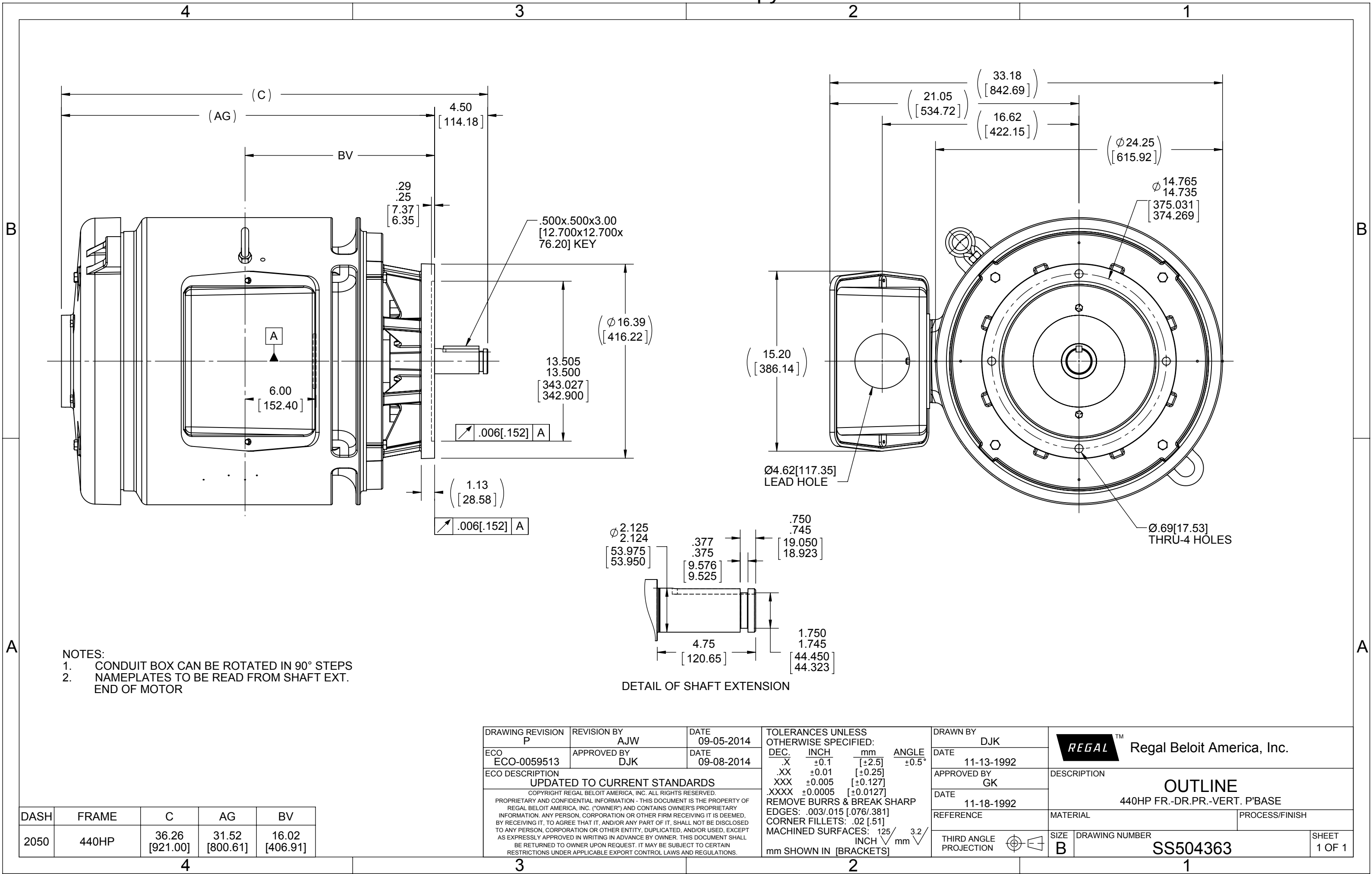


Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	460 V
Current	225.0 A	Speed	3565 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	88.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	F
Frame	444HPV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
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	.026 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	36.26 in
Frame Length	20.50 in	Shaft Diameter	2.125 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS504363-2050	Connection Drawing	A-EE7300U



DASH	FRAME	C	AG	BV
2050	440HP	36.26 [921.00]	31.52 [800.61]	16.02 [406.91]

DRAWING REVISION	REVISION BY	DATE
P	AJW	09-05-2014
ECO	APPROVED BY	DATE
ECO-0059513	DJK	09-08-2014
ECO DESCRIPTION		
UPDATED TO CURRENT STANDARDS		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [0.076/.381]			
CORNER FILLETS: .02 [51]			
MACHINED SURFACES: 125 INCH 3.2 mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY	DATE
DJK	11-13-1992
APPROVED BY	DATE
GK	11-18-1992
REFERENCE	DATE
THIRD ANGLE PROJECTION	DATE

DRAWING NUMBER			
SS504363			
SIZE	DRAWING NUMBER	SHEET	
B	SS504363	1 OF 1	

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: DEC. INCH. mm ANGLE .X ±0.1 [±2.5] ±7' 30" .XX ±0.02 [±0.51] XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] 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]	DRAWN BY DRS	REGAL™ Regal Beloit America, Inc.	DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø SINDLE VOLTAGE			
ECO ECO-0077067	APPROVED BY EWH	DATE 05-05-2015		DATE 09-27-1996					
ECO DESCRIPTION UPDATED TO SOLIDWORKS				APPROVED BY GK					
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				REFERENCE	MATERIAL				PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE A				DRAWING NUMBER EE7300U