PRODUCT INFORMATION PACKET



Model No: 404TTDS16102
Catalog No: M736
50 HP Vertical Solid Shaft P-Base Motor, 3 phase, 900 RPM, 460 V, 404HPV Frame, ODP

Vertical Pump Motors



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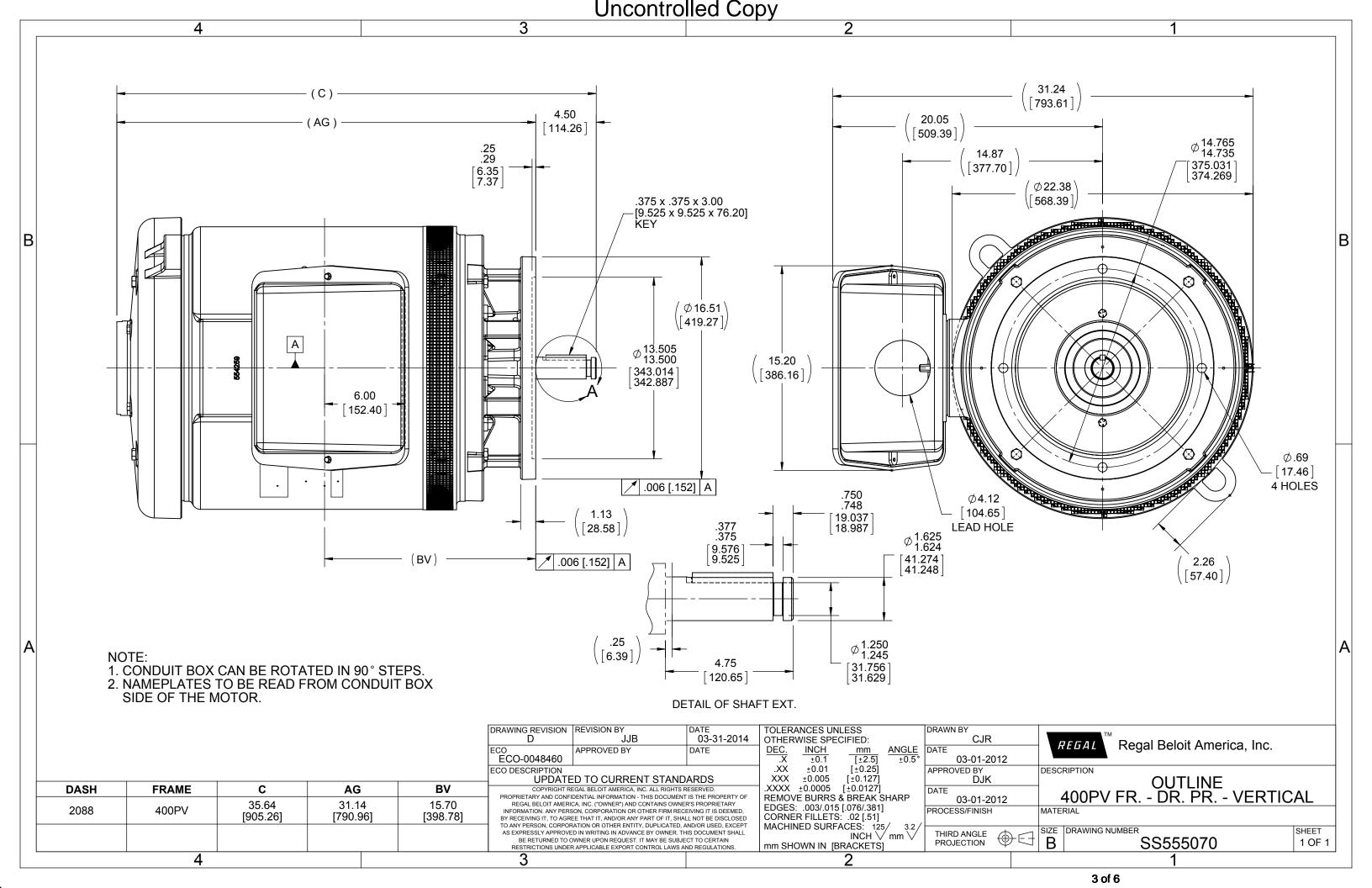
Nameplate Specifications

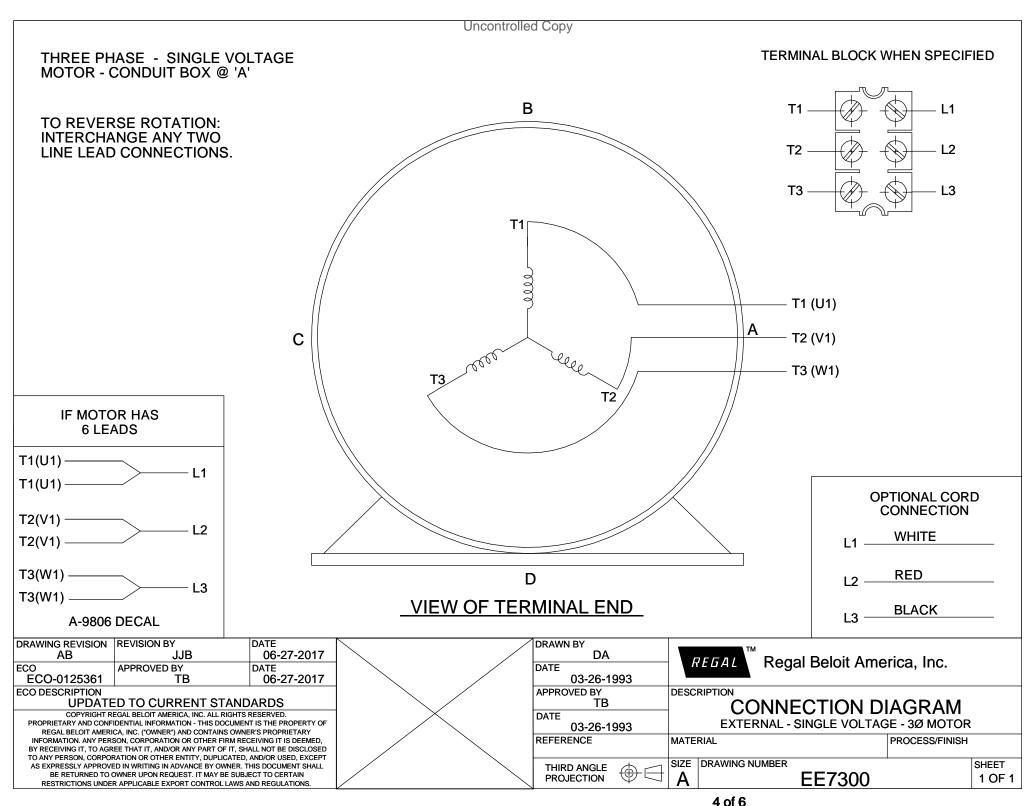
Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	460 V
Current	65.0 A	Speed	885 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	404HPV	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	7314
UL	Recognized	CSA	Υ
CE	Υ	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	.165 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	35.64 in
Frame Length	20.88 in	Shaft Diameter	1.625 in
Shaft Extension	4.50 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300	Outline Drawing	B-SS555070-2088

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CERTIFICATION DATA SHEET		(•) maratho						P.O. BOX 8003 WAUSAU, WI 54401-8003 PH. 715-675-3311						
CUSTOMER CUSTOMER P.O. #: CUSTOMER P.O. #: A94TTDS16102 CONN. DIAGRAM: AEET300 CUSTOMER PART #: M736 CUSTOMER PART #: M736 CUSTOMER PART #: M736 CUSTOMER PART #: M736 CUSTOMER PART #: M0UNTING: FIFE CAPABLE CUSTOMER PART #: M0UNTING: M0TOMER PART #: M0TOMER PART PART #: M0TOMER PART PART PART PART PART PART PART PAR												DATA VOLTS:	460	
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3 60	50	37	900		88	5	40			DP	TDS			В
3 60														
F.L. EFF 92.4 3/4 LD EFF 92.4 1/2 LD EFF 91.7 GTD EFF ELECT. TYPE	PH	HZ	VOLT	S	AMI	PS	STAF	RT TYPE	D	UTY	INSL	S.F.	AMB	ELEV.
F.L. PF	3	60	460		65	j	ACROS			ONT	F	1.15	40	3300
F.L. PF		FI FFF	92.4		3/4 I D EEE	92.4	1	1/2 I D FFF	91.7	GTD FFF		FLECT TV	DE	
F.L. TORQUE														
## 297 LB-FT 350 500 LB-FT 168% 600 LB-FT 202% 50														
⊕ 3 FT.	F.L. T	ORQUE	LR A	MPS@	460 V		L.R. TORQUE		B.D. TORQ		JE F.L. RISE		(°C)	
To dba	297	LB-FT		350		500	LB-FT	168%	600	LB-FT	202%	50		
To dba	@ :	R FT	POWE	R	ROTOR	R WK ²	MAX I	OAD WK2	CAEE STALL TIME		STAR	ARTS/HOUR MOT		R WGT
SUPPLEMENTAL INFORMATION *** DE BRACKET TYPE											JIAII			
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P-BASE	DE BRACKET TYPE											SCREENS	PAINT	
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BALL FM ANGU 6314 7314 POLYREX EM			GREAS	SE	SHAFT	TYPE	SPE	SPECIAL DE SPECIAL ODE		SHAFT	MATERIAL FRAME M		MATERIAL	
THERMOSTATS														
THERMOSTATS PROTECTORS WDG RTD'S BRG RTD'S THERMISTORS CONTROL HEATERS NONE NOT NONE NONE NONE FALSE NA R1 (ohms/ph) R2 (ohms/ph) X1 (ohms/ph) X2 (ohms/ph) Xm (ohms/ph) VIBRATION (in/sec) FLOAT 0.108 0.068 0.488 0.721 9.619 0.150 DE N N INVERTER TORQUE: NONE INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE NONE NONE NONE PREPARED BY: FAREEDA DUDEKULA BRAKE: NONE NONE NONE PT-LB: NA DATE: 9/11/2018 FT-LB: NA VOLTAGE: NONE HZ:			POLYREX EM HP		N	NONE NONE		1045 HOT ROLLED (C-204)		CAST IRON				
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E										INV. HP SP	EED RANGE:	NONE		
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* NONE NONE PPR PREPARED BY: FAREEDA DUDEKULA														
PREPARED BY: FAREEDA DUDEKULA NONE NONE DATE: 9/11/2018 FT-LB: NA VOLTAGE: NONE HZ:	*												NONE	PPR
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