

PRODUCT INFORMATION PACKET



Model No: SP2030A
Catalog No: SP2030A
1/3 HP Sump Pump Motor, 1 phase, 1800 RPM, 115 V, 48Y Frame, OPEN
Sump Pump Motors



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Nameplate Specifications

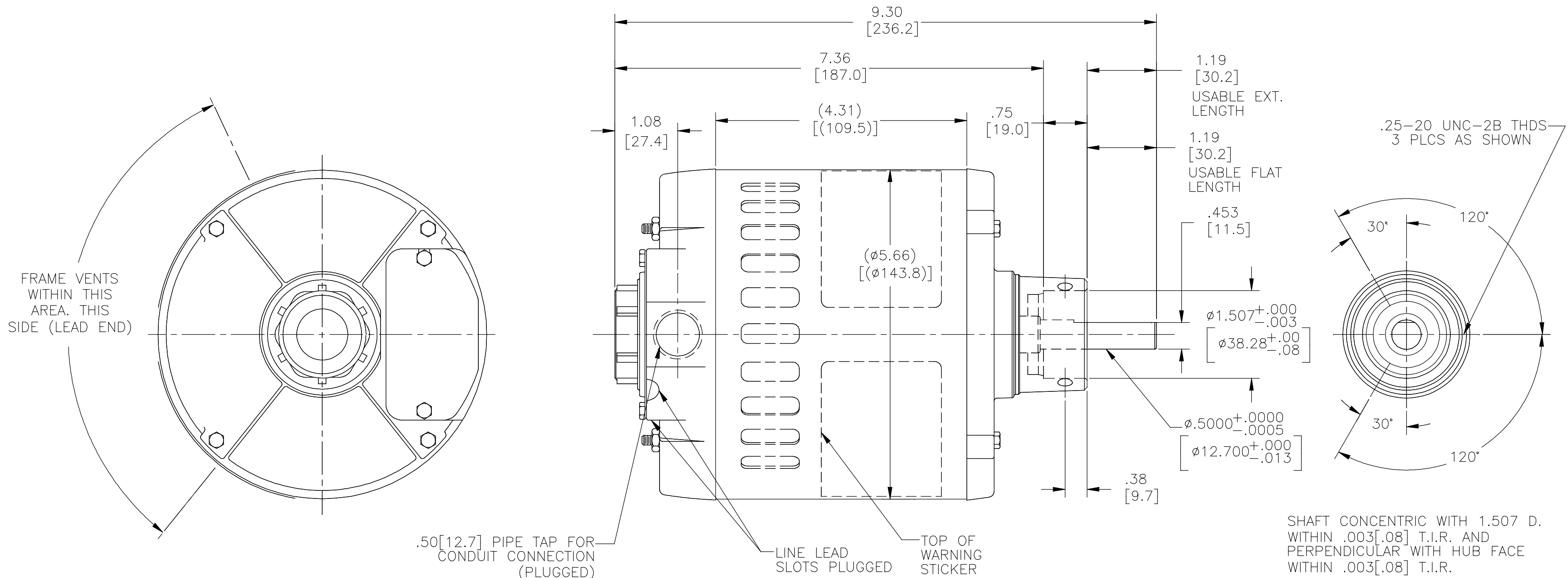
Output HP	1/3 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	6.0 A	Speed	1725 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48Y	Enclosure	Open Enclosed
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N		

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Clockwise
Mounting	Special	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	9.30 in
Frame Length	4.31 in	Shaft Diameter	0.500 in
Shaft Extension	1.19 in		
Connection Drawing	621417-013B	Outline Drawing	SP2030A-S01

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REV	ECO	REV BY	DATE	APPD	DATE
B	0024331	J.ZHU	03-12-2012	B.SHEN	03-12-2012



SHAFT CONCENTRIC WITH 1.507 D. WITHIN .003[.08] T.I.R. AND PERPENDICULAR WITH HUB FACE WITHIN .003[.08] T.I.R.

NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: 316P200 CUST PN: SP2030A HP: 1/3 SF: 1.0 ROT: CW RPM: 1725 TYPE: S CODE: P FORM: FRAME: 48Y VOLTS: 115 AMPS: 6.0 MAX AMPS: SF AMPS: - PH: 1 HZ: 60 INS: B AMB: 40 °C DUTY: CONT ENCLOSURE: OPEN THERMALLY PROTECTED: TYPE A	<p>CONNECTIONS</p> <p>RED ● 4 L1 ● LINE (CCW ROT.)</p> <p>BLACK ● 2 L2 ● GROUNDED LINE (115 CIRCUIT)</p> <p>FOR CW ROT. INTERCHANGE RED & BLACK</p>	

PERFORMANCE CURVE L999200	APPROVED SAMPLE	GEOMETRIC CHARACTERISTICS & SYMBOLS ▽ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⌀ CYLINDRICITY △ PROFILE OF ANY SURFACE ∩ PROFILE OF ANY LINE ↑ RUNOUT ⊕ TRUE POSITION ⊙ CONCENTRICITY = SYMMETRY ASME Y14.5M 1994	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.13 ANG. ±.50 DEG REMOVE BURRS & BREAK SHARP EDGES: INCH .003-.015 mm 0.1-0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY: J.ZHU 03-08-2012 APPD: B.SHEN 03-08-2012 EDS DATE 11-11-2011 FORMAT REV G	REGAL-BELOIT CORPORATION DESCRIPTION: MODEL-RFHP-48FR OUTLINE SIZE C DWG NO SP2030A SCALE NONE SHEET 1
UL COMPONENT FILE# CCN# FILE# GUIDE# E25022 XEWR2 LR43341 4211-01	CSA LR43341 4211-01		THIRD ANGLE PROJECTION	CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. -ALL RIGHTS RESERVED.	