

PRODUCT INFORMATION PACKET



Model No: SP2050A
Catalog No: SP2050A
1/2 HP Sump Pump Motor, 1 phase, 1800 RPM, 115 V, 48Y Frame, OPEN
Sump Pump Motors



Regal and Century are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





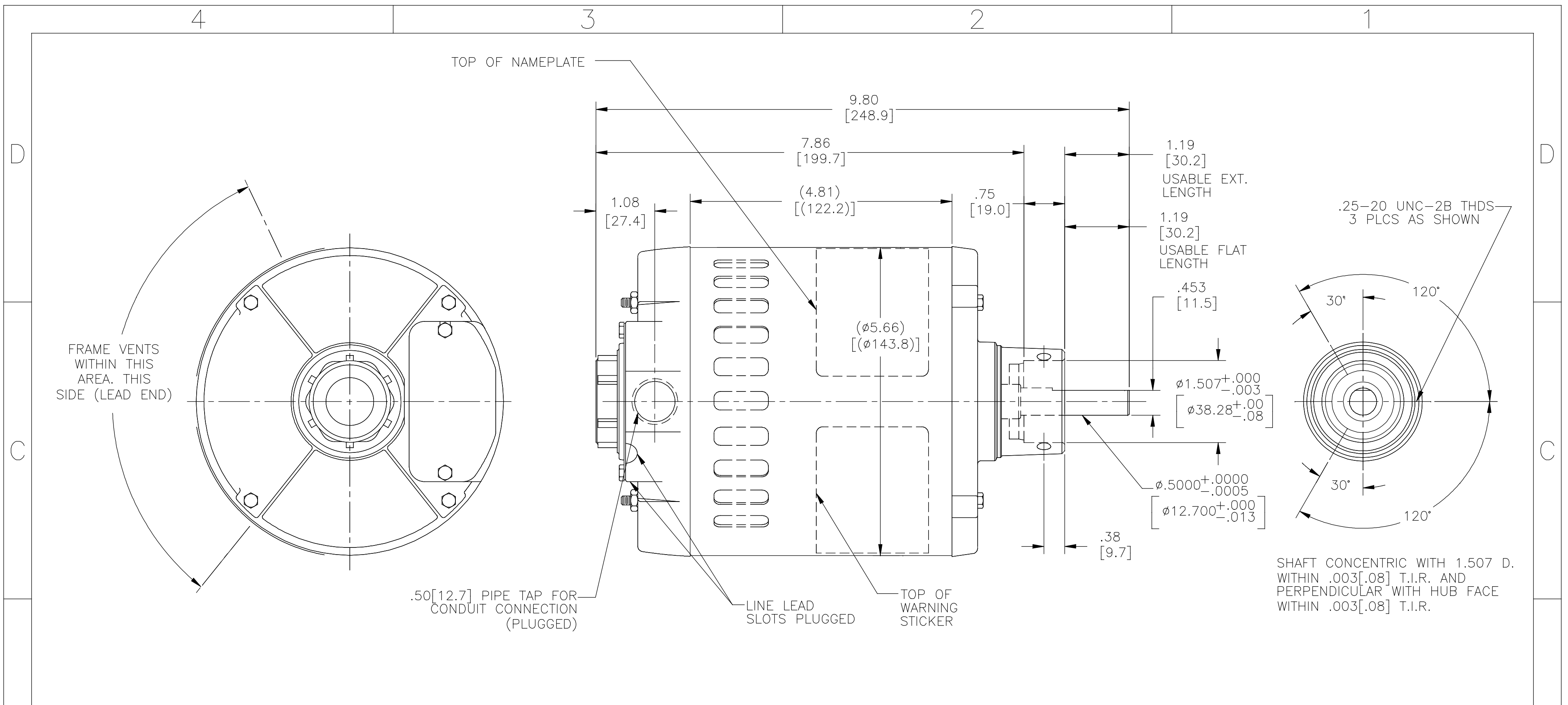
Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115 V
Current	7.3 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	No	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Special	Drive End Bearing	Sleeve
Opp Drive End Bearing	Sleeve	Frame Material	Rolled Steel
Shaft Type	Flat	Overall Length	9.80 in
Frame Length	4.94 in	Shaft Diameter	0.500 in
Shaft Extension	1.19 in		
Connection Drawing	621417-002B	Outline Drawing	SP2050A-S01

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/07/2021



NAMEPLATE DATA		EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: S48B50A01 CUST PN: SP2050A HP: 1/2 SF: 1.0 ROT: REVERSIBLE RPM: 1725 TYPE: S CODE: M FORM: FRAME: 48Y VOLTS: 115 AMPS: 7.3 MAX AMPS: SF AMPS: - PH: 1 HZ: 60 INS: B AMB: 40 °C DUTY: CONT ENCLOSURE: OPEN THERMALLY PROTECTED: TYPE A		<p style="text-align: center;">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		APPROVED SAMPLE	
L999208			
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E25022	XEWR2	LR43341	4211-01
CUSTOMER		DISTRIBUTION SERVICES	

DRAWING REVISION B	REVISION BY F.NAVARRO	DATE 08-10-2017	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	DRAWN BY: J.ZHU	Regal Beloit America, Inc.
ECO ECO-0128933	APPROVED BY	DATE	REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] CORNER FILLETS .02 [0.51] MACHINED SURFACES 125/INCH 3.2/mm	DATE: 03-08-2012	
SEE ECO			REFERENCE	APPROVED BY: B.SHEN	DESCRIPTION MODEL-RFHP-48FR OUTLINE
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			THIRD ANGLE PROJECTION	DATE: 03-08-2012	MATERIAL
CUSTOMER		DISTRIBUTION SERVICES		SIZE DWG NO	PROCESS/FINISH
				C	SP2050A
					SHEET 1