

PRODUCT INFORMATION PACKET



Model No: SQ1302V1

Catalog No: SQ1302V1

Pool Pump Motor, 3.0 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, Y56Y Frame, ODP



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Nameplate Specifications

Output HP	3.0 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	MA 15.0-13.3 A	Speed	3450 rpm
Service Factor	1.15	Phase	1
Duty	Continuous	Insulation Class	B
Frame	Y56Y	Enclosure	Open Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y

Technical Specifications

Electrical Type	Capacitor Start, Capacitor Run, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	Square Flange
Motor Orientation	Horizontal	Drive End Bearing	BALL
Opp Drive End Bearing	BALL	Frame Material	Rolled Steel
Shaft Type	Threaded	Overall Length	14.42 in
Frame Length	10.00 in	Shaft Diameter	0.625 in
Shaft Extension	0.91 in		
Outline Drawing	SQ1302V1-S01	Connection Drawing	D0000112-002

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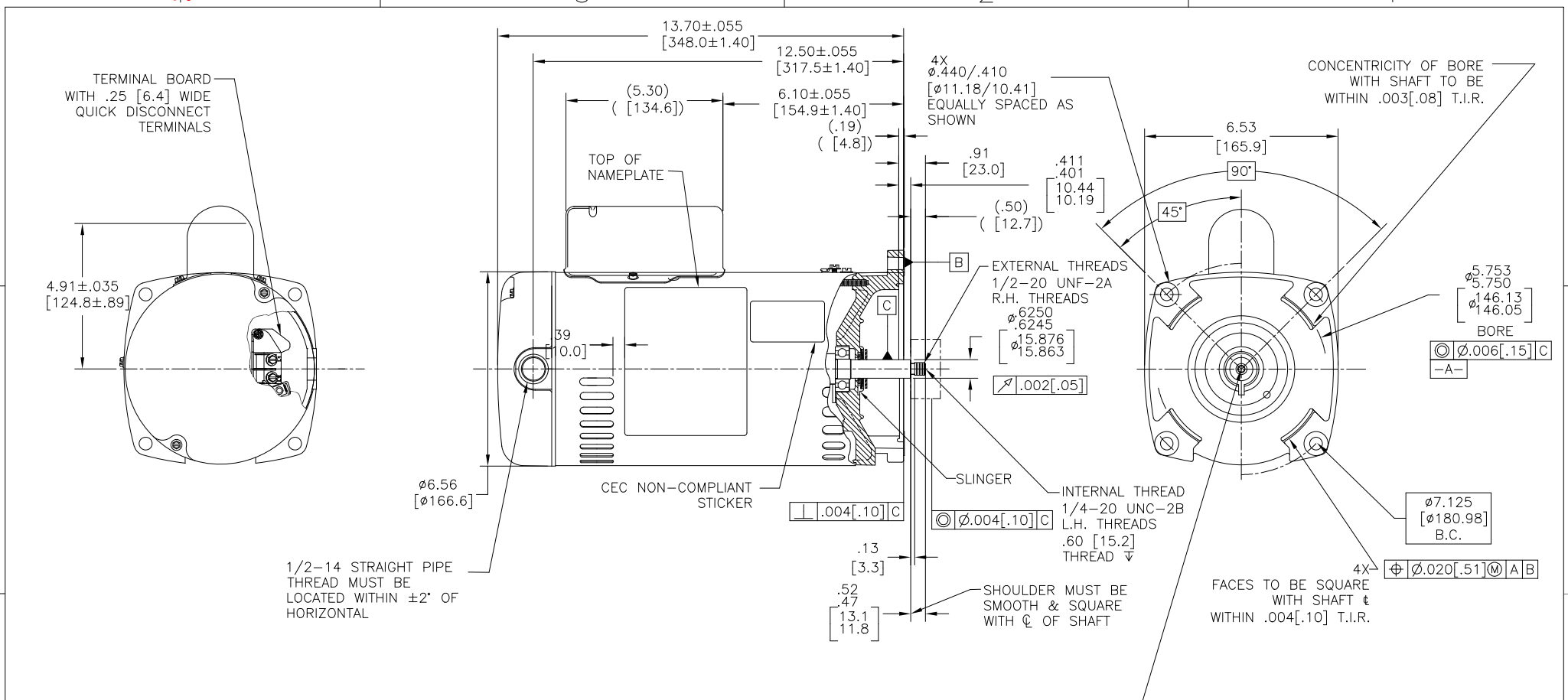
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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: 196329 CUST PN: SQ1302V1 HP: 3.0 SF: 1.15 ROT: CCWPE RPM: 3450 TYPE: CP CODE: G FORM: FRAME: Y56Y VOLTS: 208-230 AMPS: MAX AMPS: 15.0-13.3 SF AMPS: - PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED	USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING	1. FINISH PAINT TO BE BLACK LACQUER. 2. .44[11.2] WRENCH FLATS ON SHAFT FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. 3. STAINLESS STEEL SHAFT 4.LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING=.001[.03]. ## (5). CTQ INSULATING SLEEVES REQUIRED ON ALL TERMINALS TO START CAPACITOR 6. CTQ REQUIREMENT SEE EP000105-008. 7. RoHS & REACH ETC REQUIREMENT SEE EP000014

PERFORMANCE CURVE		APPROVED SAMPLE	
101101011		0603270A	
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
PENDING	PENDING	PENDING	PENDING
CUSTOMER	DISTRIBUTION SERVICES		

CRITICAL TO QUALITY CHARACTERISTICS(CTQs)	DRAWING REVISION R	REVISION BY JUDY.ZHU	DATE 03-13-2023	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY: JAH	 Regal Beloit America, Inc.	
(P) PROCESS	ECO ECR-0224065	APPROVED BY TRISTIA.ZHAO	DATE 03-13-2023	DEC. INCH mm ANGLE ±0.5°	03-01-2007		
(E) ENGINEERING	ECO DESCRIPTION	ADD NOTE 5		.XX ±0.02 (±0.5)	APPROVED BY: JSM		
(A) APPLICATION	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 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.			.XXX ±0.005 (±0.13)	DATE: 03-07-2007		
(R) REGULATORY				XXXX ±0.0005 (±0.013)	REMOVE BURRS & BREAK SHARP EDGES .003/.015 (.08.38)	REFERENCE	DESCRIPTION MODEL-PFHP-56FR OUTLINE
(L) LIFE				mm SHOWN IN [BRACKETS]	CORNER FILLETS .02 (.5)	MATERIAL	PROCESS/FINISH
					MACHINED SURFACES .125/ mm 32	THIRD ANGLE PROJECTION	SIZE DWG NO
							SQ1302V1
							SHEET 1

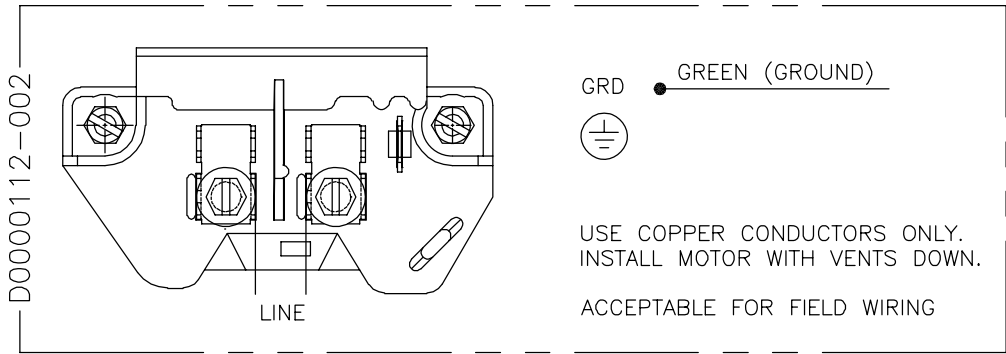
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REV	ECO	REV BY	DATE	APPD	DATE
A	ECO-0037034	Y.LI	08-19-2013	B.SHEN	08-19-2013



230 VOLTAGE-SINGLE SPEED

- NOTES:
- 1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13[54.1] X .75[19.0]). SEE NAMEPLATE DRAWING 170500 OR 17501 FOR LOCATION.
 - 2. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.
 - 3. DETAILS ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.

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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: X XX XXX XXXX INCH ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 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:	Y.LI	08-19-2013	REGAL REGAL-BELOIT CORPORATION		
		APPD:	B.SHEN	08-19-2013	DESCRIPTION CONN DIAGRAM-EXTERNAL		
		THIRD ANGLE PROJECTION 		EDS DATE 11-11-2011			
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		SIZE		B	DWG NO		D0000112-002
		SCALE		NONE		SHEET 1	

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