

PRODUCT INFORMATION PACKET



Model No: QC1102

Catalog No: QC1102

Pool Pump Motor, 1 HP, 1 Ph, 60 Hz, 208-230/115 V, 3600 RPM, 48Y Frame, ODP



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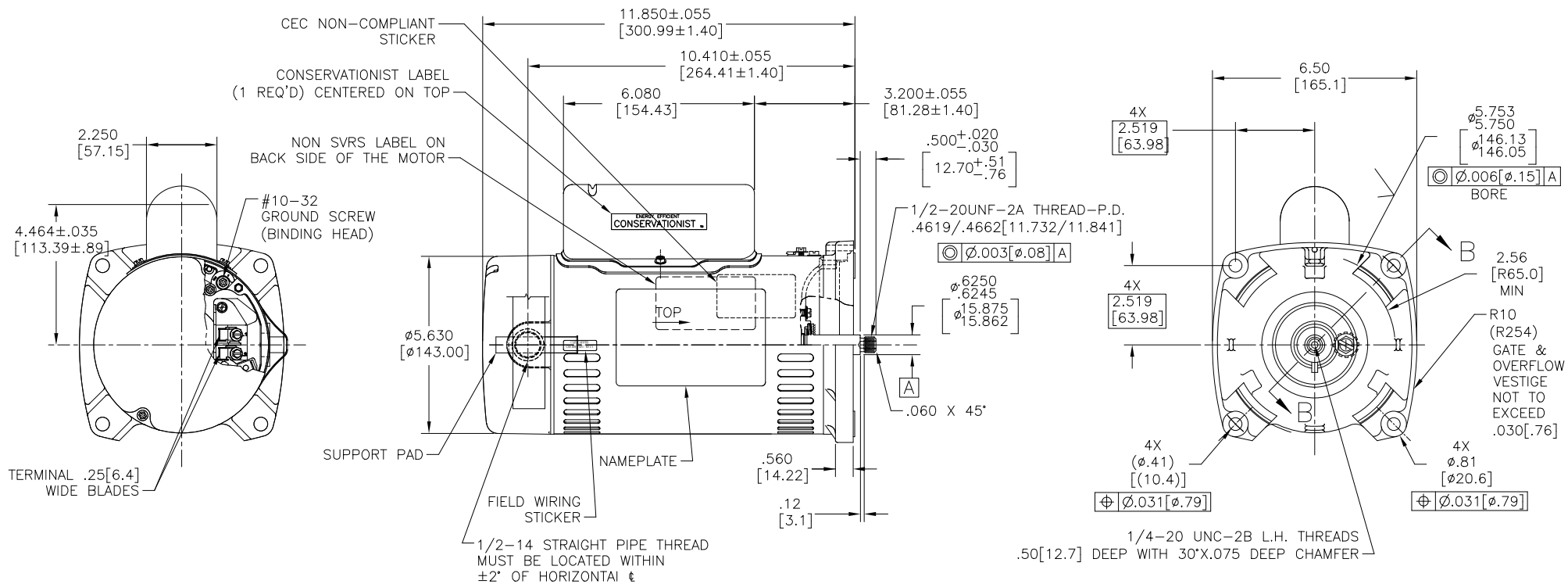
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/115 V
Current	8.0-8.0/16.0 A	Speed	3450 rpm
Service Factor	1.65	Phase	1
Duty	Continuous	Insulation Class	B
Frame	48Y	Enclosure	Open Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise Pump End
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	1/2 Thread
Overall Length	12.57 in	Frame Length	8.69 in
Shaft Diameter	0.625 in	Shaft Extension	0.906 in
Connection Drawing	627103-006.PCX	Outline Drawing	QC1102

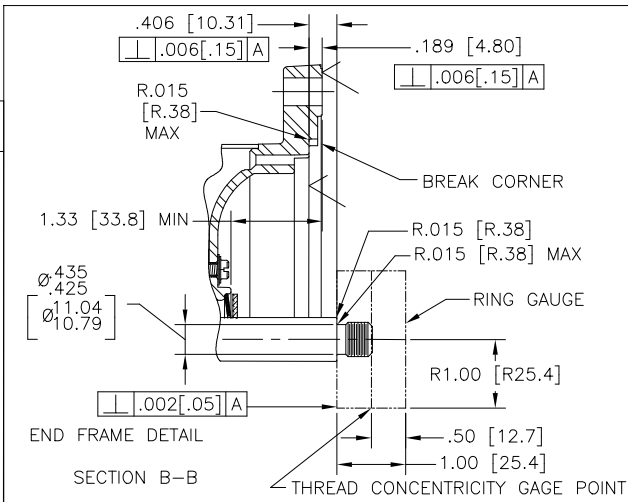
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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: K48L2PA101A1 CUST PN: QC1102 HP: 1.0 SF: 1.65 ROT: CCWPE RPM: 3450 TYPE: UAK CODE: L FORM: FRAME: 48Y VOLTS: 208-230/115 AMPS: MAX AMPS: 8.0/16.0 SF AMPS: PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT ENCLOSURE: ODP THERMALLY-PROTECTED	GREEN (GROUND) HIGH VOLTAGE SHOWN, ROTATE DIAL DOWN TO 115 FOR LOW VOLTAGE. USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING	1. FINISH PAINT TO BE SATIN BLACK. 2. .44[11.2] WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. 3. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING=.001[.03]. 4. CAPAC. HOUSING TO BE LOCATED WITHIN ±2.5' OF VERTICAL q OF END FRAME (P.E.). 5. CONNECTED FOR 230 VOLTS. 6. REF. MOTOR NUMBER:626610-007 7. MEET THE REQUIREMENT OF RoHS: IEC62321 LATEST VERSION, EUROPEAN UNION RoHS LATEST VERSION, REACH LATEST VERSION, USA CALIFORNIA 65 LAW LATEST VERSION. 8. CTQ REQUIREMENT SEE EP000105-008. 9. RoHS & REACH ETC REQUIREMENT SEE EP000014.



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PERFORMANCE CURVE		APPROVED SAMPLE	
K48L2W1			
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E25022	XEWR2	LR43341	4211-01
CUSTOMER	DISTRIBUTION SERVICES		

CRITICAL TO QUALITY CHARACTERISTICS(CTQs)	DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	REGAL™ Regal Beloit America, Inc.
ECO-0222611	DATE	PRASHANTH	12/13/2022	DEC. INCH mm ANGLE	JLG	
ECO DESCRIPTION	APPROVED BY	PVR	12/13/2022	.X ±0.1 (±.3)	DATE:	05-12-2009
UPDATED AS PER ECR				.XX ±0.02 (±0.5)	APPROVED BY:	
				.XXX ±0.005 (±0.13)	DATE:	
				.XXXX ±0.0005 (±0.013)	REFERENCE	
				REMOVE BURRS & BREAK SHARP EDGES .003/.015 (.08 .38)	MATERIAL	MODEL-PFHP-48FR OUTLINE
				CORNER FILLETS .02 (.5)	PROCESS/FINISH	
				MACHINED SURFACES .125 mm 3/2	SIZE DWG NO	QC1102
				mm SHOWN IN [BRACKETS]	SHEET	1