

PRODUCT INFORMATION PACKET

Model No: HBQ220
Catalog No: HBQ220
2.2 HP Pool Pump Motor, 1 phase, 3600 RPM, 230 V, Frame, ODP



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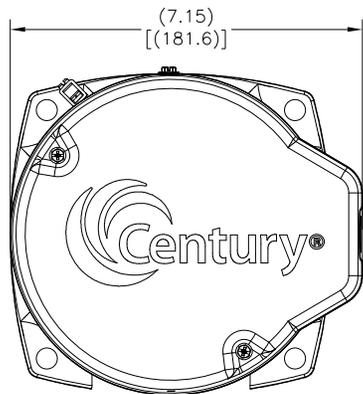
Nameplate Specifications

Output HP	2.2 Hp	Output KW	1.6 kW
Frequency	60 Hz	Voltage	230 V
Current	SF 10.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
Frame	Y56Y	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y

Technical Specifications

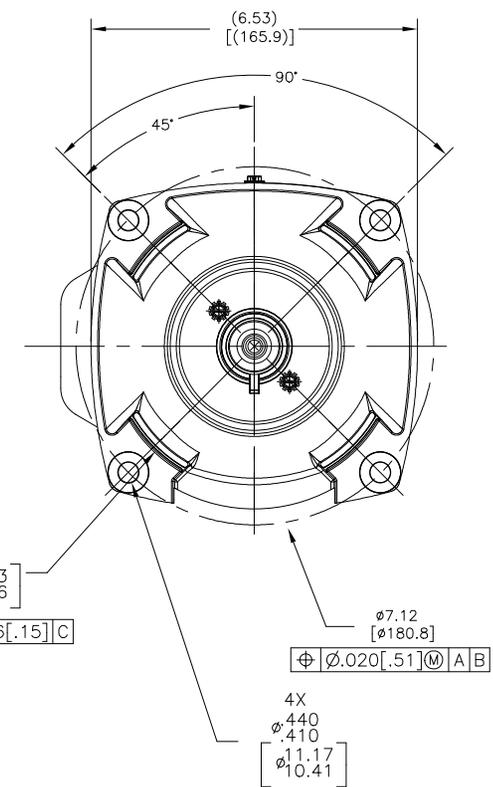
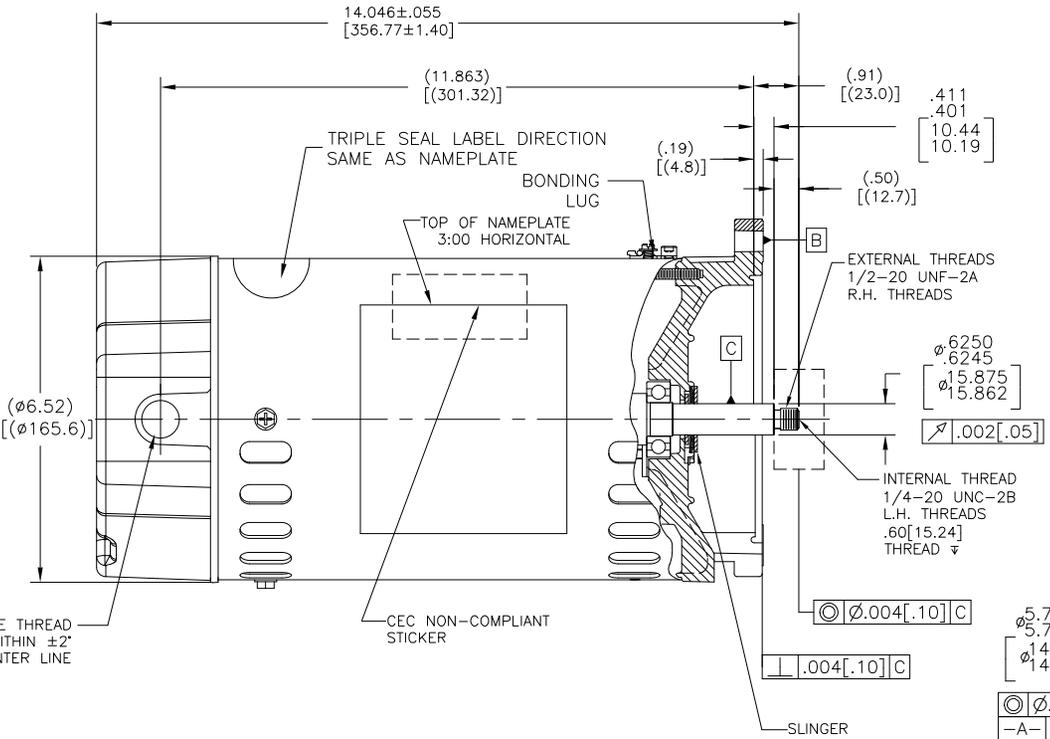
Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	Poles	2
Rotation	Counterclockwise Pump End	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	1/2 Thread	Overall Length	14.05 in
Frame Length	9.27 in	Shaft Diameter	0.625 in
Shaft Extension	0.91 in		
Outline Drawing	HBQ220-S01		

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(7.15)
[(181.6)]

1/2-14 STRAIGHT PIPE THREAD
MUST BE LOCATED WITHIN ±2'
OF HORIZONTAL CENTER LINE



NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: F56AB72A01 CUST PN: HBQ220 HP: 2.2 SF: 1.0 ROT: CCWPE RPM: 3450 TYPE: CX CODE: F FORM: KJM FRAME: Y56Y VOLTS: 230 AMPS: 10.0 MAX AMPS: - SF AMPS: - PH: 1 HZ: 60 INS: F AMB: 50°C DUTY: CONT ENCLOSURE: DP THERMALLY-PROTECTED	<p>GREEN (GROUND)</p> <p>CONNECT POWER LEADS TO L1 AND L2. USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING</p> <p>D0000312-009</p>	<ol style="list-style-type: none"> FOR THREADED SHAFT EXTENSION ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004[.102] TOTAL GAGE READING WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR. END PLAY NOT TO EXCEED .010[.254] MEASURED WITH NO THRUST. FINISH PAINT TO BE BLACK. .44[11.2] WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. STAINLESS STEEL SHAFT EXT. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001. CTQ REQUIREMENT SEE EP000105-008 RoHS & REACH REQUIREMENT SEE EP000014.

PERFORMANCE CURVE	APPROVED SAMPLE
18014311	
UL COMPONENT	CSA
FILE# CCN# FILE# GUIDE#	
E25022 XEWR2/8 PENDING PENDING	
CUSTOMER	DISTRIBUTION

CRITICAL TO QUALITY CHARACTERISTICS(CTQs) (P) PROCESS (E) ENGINEERING (A) APPLICATION (R) REGULATORY (L) LIFE	DRAWING REVISION ECR-0217829 ECO DESCRIPTION SEE ECR	REVISION BY GELINE ZHAO APPROVED BY JANE WU	DATE 05-19-2022 DATE 05-19-2022	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES .003/015 [.08.38] CORNER FILLETS .02 [5] MACHINED SURFACES 125 INCH mm 32 mm SHOWN IN [BRACKETS]	DRAWN BY: R. LIAN DATE: 05-19-2015 APPROVED BY: J.ZHU DATE: 05-19-2015 REFERENCE - THIRD ANGLE PROJECTION	Regal Beloit America, Inc. DESCRIPTION MODEL-CFHP-56FR OUTLINE MATERIAL - PROCESS/FINISH - SIZE DWG NO C HBQ220 SHEET 1
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