

PRODUCT INFORMATION PACKET



Model No: HBQ220
Catalog No: HBQ220
Pool Pump Motor, 2.2 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, Y56Y Frame, DP



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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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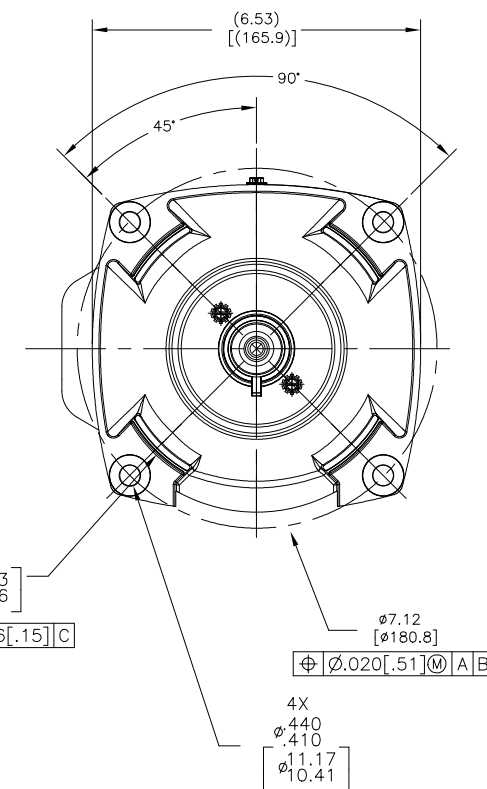
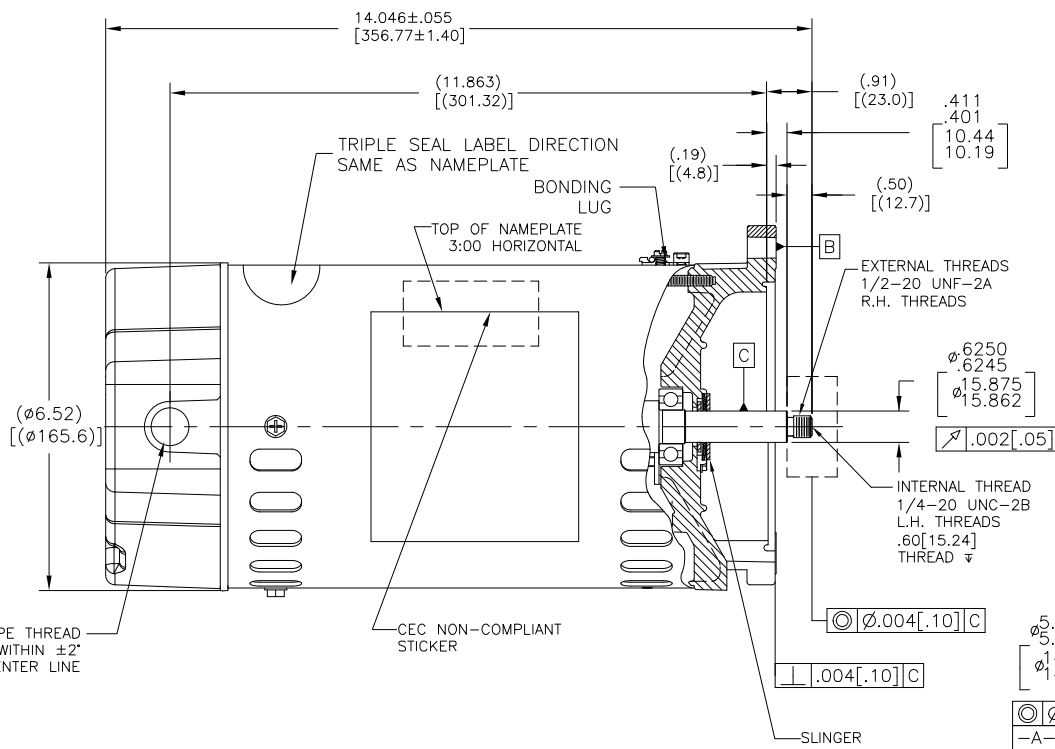


Diagram of the motor terminal box showing L2, L1, and GND terminals.

CONNECT POWER LEADS TO L1 AND L2.

USE COPPER CONDUCTORS ONLY.
INSTALL MOTOR WITH VENTS DOWN.

ACCEPTABLE FOR FIELD WIRING

CRITICAL TO QUALITY CHARACTERISTICS (CTQs)	
(P)	PROCESS
(E)	ENGINEERING
(A)	APPLICATION
(R)	REGULATORY
(L)	LIFE

DRAWING REVISION P	REVISION BY GENEVA ZHAO	DATE 05-19-2022
E	APPROVED BY JANE WU	DATE 05-19-2022
ECR-00217829 ECO DESCRIPTION SEE ECR		

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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 .0031/.015 [.08/.38]			
CORNER FILLETS .02 [.5]			
MACHINED SURFACES			
		INCH	125/ mm 3.2

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