

PRODUCT INFORMATION PACKET



Model No: USN1202

Catalog No: USN1202

Pool Pump Motor, 2.0 HP, 1 Ph, 60 Hz, 208-230/115 V, 3600 RPM, Y56J Frame, DP



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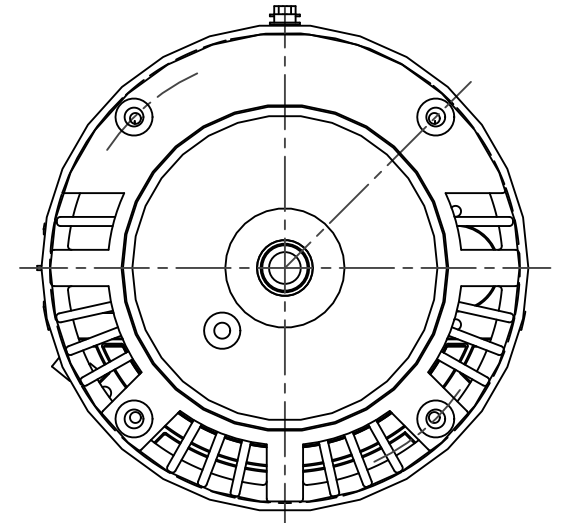
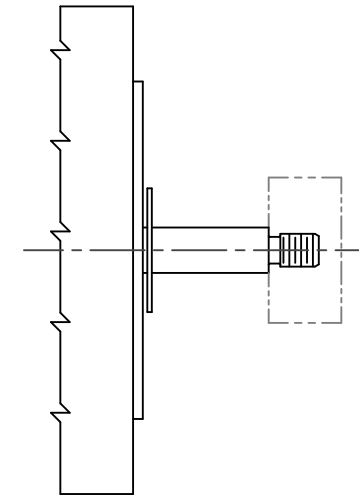
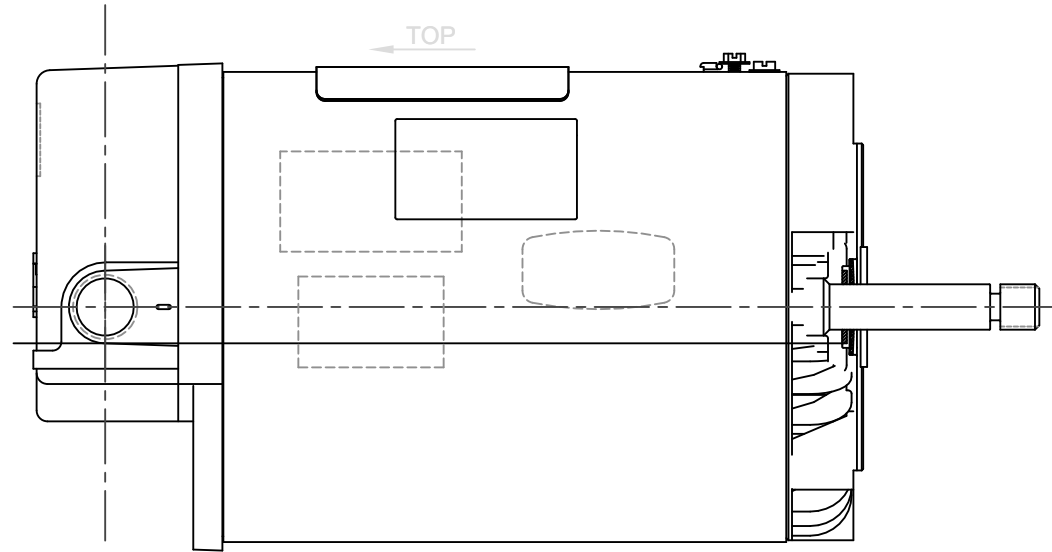
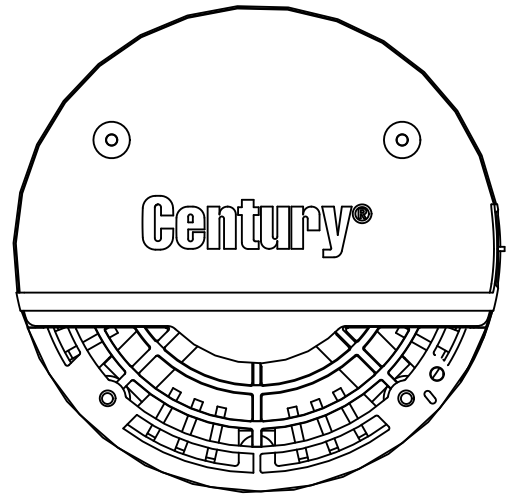
Nameplate Specifications

Phase	1	Output HP	2.0 Hp
Output KW	1.5 kW	Voltage	208-230/115 V
Speed	3450 rpm	Service Factor	1.2
Frame	Y56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
Frequency	60 Hz	Current	SF 11.0-10.2/20.4 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

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 Brg
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 Threaded	Overall Length	13.85 in
Frame Length	7.75 in	Shaft Diameter	0.625 in
Shaft Extension	2.56 in		
Outline Drawing	USN1202-S01	Connection Drawing	17536715.PCX

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C

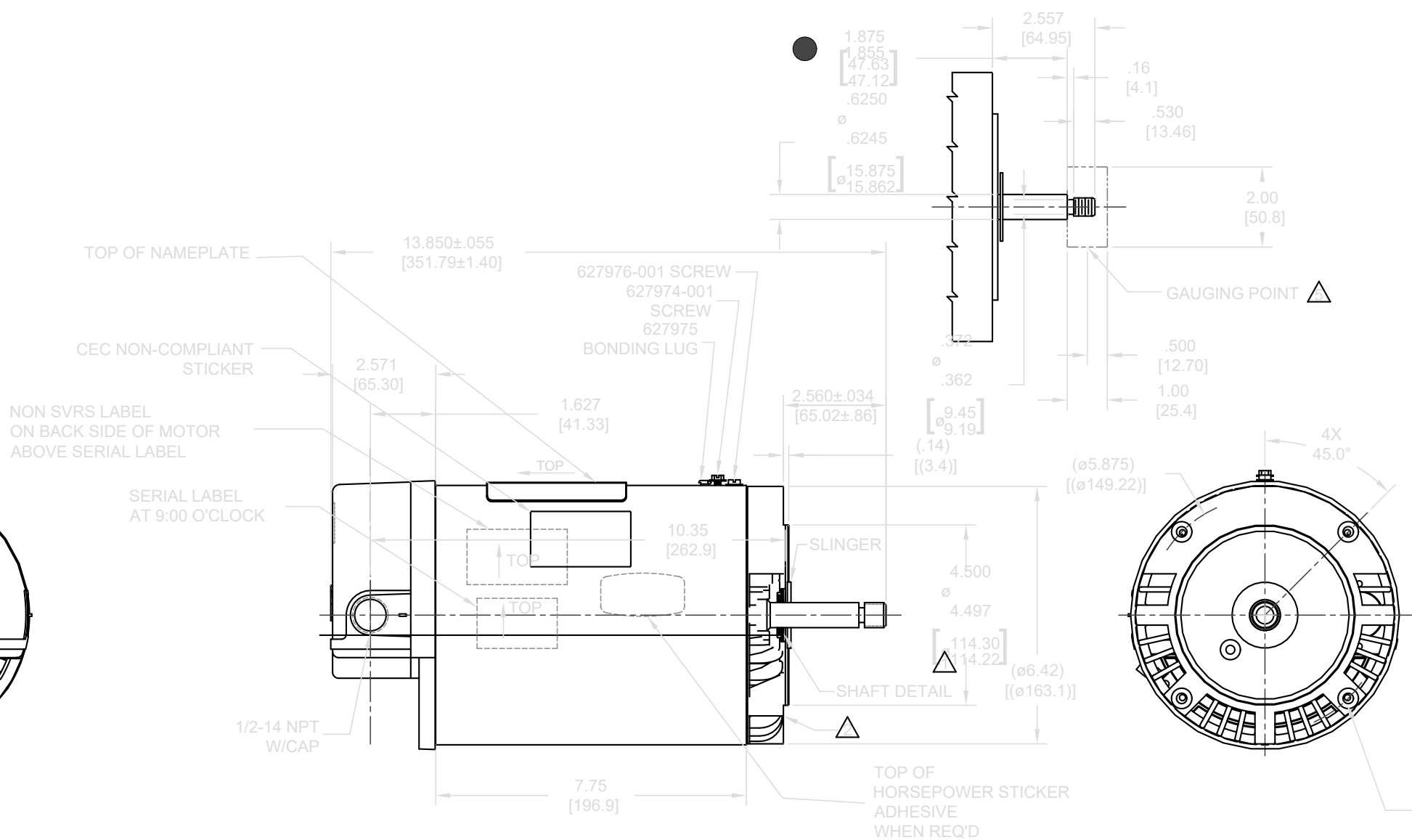
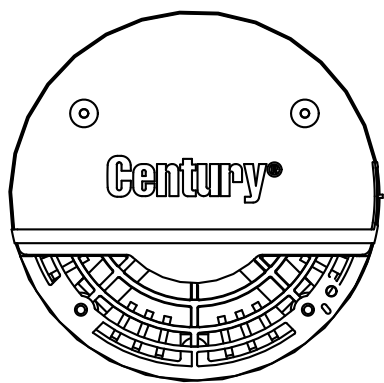
C

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NAMEPLATE DATA		EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: 1936870J CUST PN: USN1202 HP: 2.0 SF: 1.20 ROT: CCWPE RPM: 3450 TYPE: CX FORM: CODE: G FRAME: Y 56 J VOLTS: 208-230/115 AMPS: MAX AMPS: SF AMPS: 11.0-10.2/20.4 PH: 1 HZ: 60 INS: B AMB: 50° DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED		LOW VOLTAGE BROWN → B WHITE → L1 WHITE → L2 • A HIGH VOLTAGE WHITE → B • L1 • L2 BROWN → A NON-REVERSIBLE	●△ PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R. ●△ FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R. 3. SHAFT RUNOUT NOT TO EXCEED .002[.05] T.I.R. 4. FOR THREADED SHAFT EXT. MATING, PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET. 5. FOR THREADED SHAFT EXT. ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004[.10] TOTAL GAUGE READING WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR. 6. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST. ●△ FRONT END FRAME TO BE ALIGNED WITH BACK END FRAME TO WITHIN ±1° RADIAL ALIGNMENT ±.060[±1.52] ● CRITICAL DIMENSION

PERFORMANCE CURVE		APPROVED SAMPLE	
19244611			
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
PENDING	PENDING	PENDING	PENDING
CUSTOMER		DISTRIBUTION	

DRAWING REVISION D	REVISION BY SHESH	DATE 12/29/2020	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE	DRAWN BY: TH	REGAL Regal Beloit America, Inc.	
ECO ECR-0203536	APPROVED BY D.SURYAWANSHI	DATE 12/29/2020	XX ±0.1 [±2.5] ±0.5°	DATE: 10-27-2010		
ECO DESCRIPTION SEE ECR			XXX ±0.02 [±0.51]	APPROVED BY: TZ	DESCRIPTION MODEL-PFHP-56FR	
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			REMOVE BURRS & BREAK SHARP EDGES .003/ .015 [.076/ .381] X 45° CORNER FILLETS R.02 [.51] MACHINED SURFACES INCH mm	REFERENCE	MATERIAL	PROCESS/FINISH
			mm SHOWN IN [BRACKETS]	THIRD ANGLE PROJECTION	SIZE DWG NO C	SHEET 1