

PRODUCT INFORMATION PACKET



Model No: B657

Catalog No: B657

Pool Pump Motor, 1/2 HP, 1 Ph, 60 Hz, 208-230/115 V, 3600 RPM, S56J Frame, DP



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Nameplate Specifications

Output HP	1/2 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/115 V
Current	SF 4.0-3.7/7.4 A	Speed	3450 rpm
Service Factor	1.6	Phase	1
Duty	Continuous	Insulation Class	B
Frame	S56J	Enclosure	Drip Proof
Thermal Protection	Thermally Protected	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Permanent Split Capacitor, Single Or Dual Voltage	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	7/16 Thread
Overall Length	11.95 in	Frame Length	6.38 in
Shaft Diameter	0.625 in	Shaft Extension	2.57 in
Connection Drawing	17536715.PCX	Outline Drawing	B657-S01

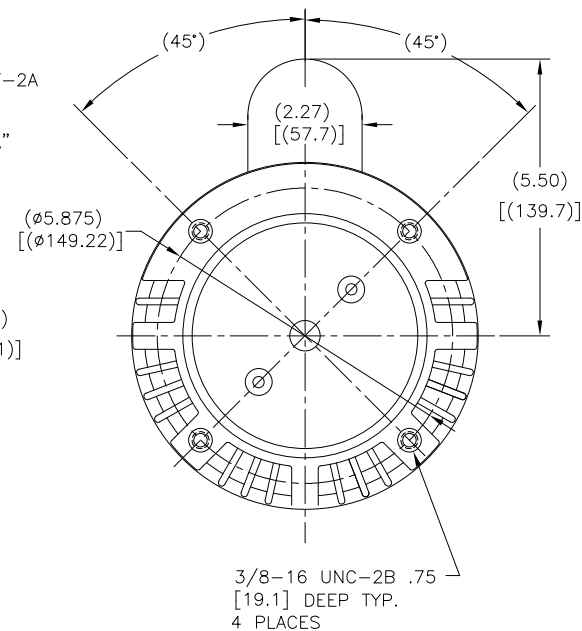
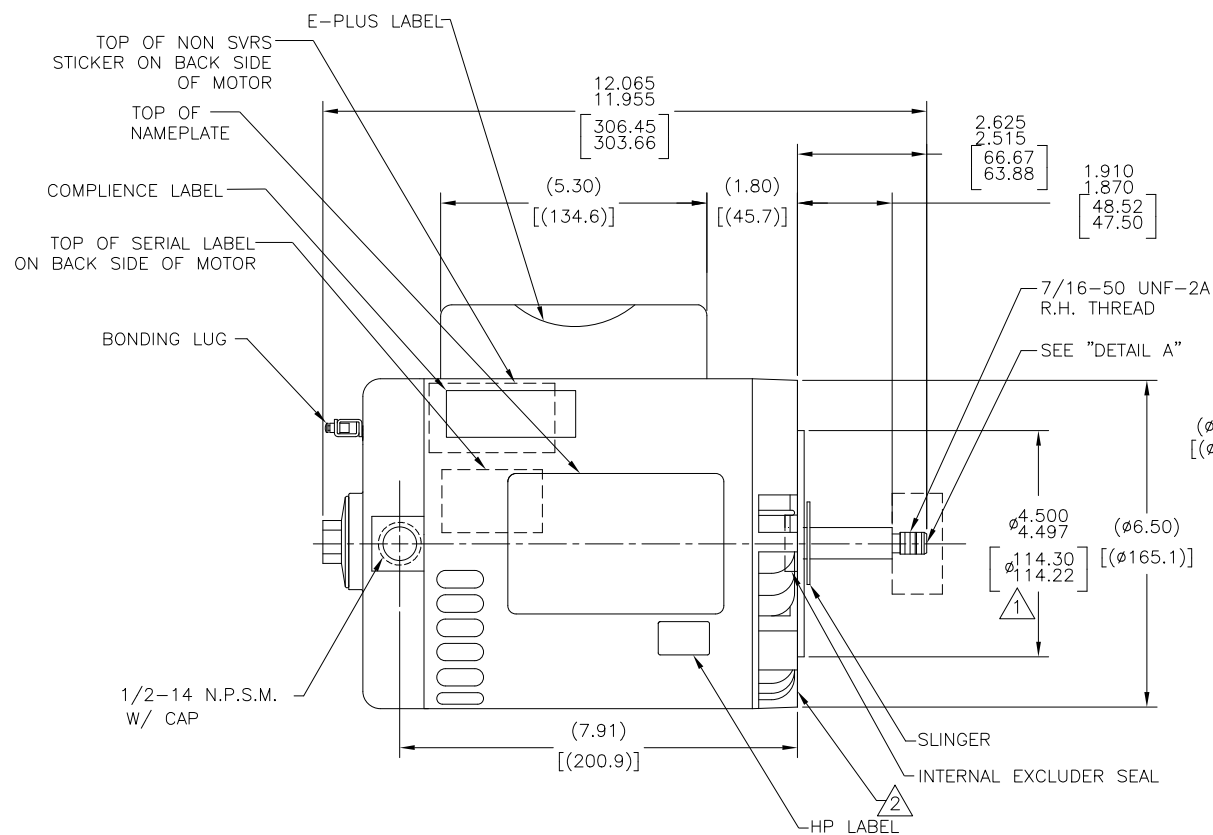
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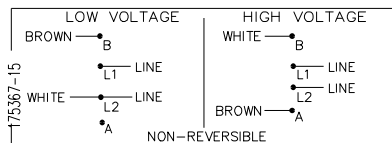


NAMEPLATE DATA

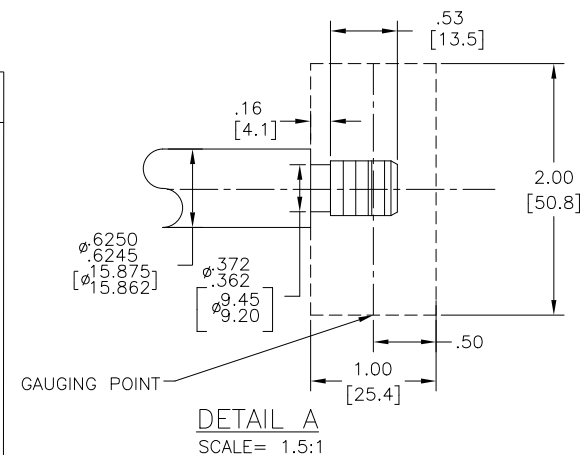
EXTERNAL CONNECTION DIAGRAM

NOTES

MODEL: 165298
CUST PN: B657
HP: 1/2 SF: 1.60
ROT: CCWPE
RPM: 3450
TYPE: CX CODE: K
FORM: FRAME: S 56 J
VOLTS: 208-230/115
AMPS: SF 4.0-3.7/7.4
MAX AMPS: -
SF AMPS: -
PH: 1 HZ: 60
INS: B AMB: 50°C
DUTY: CONT
ENCLOSURE: ODP
THERMALLY PROTECTED



- ▲ 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[.01] T.I.R
- 4. END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST
- 5. ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS

PERFORMANCE
CURVEAPPROVED
SAMPLE

17127714

UL COMPONENT

CSA

FILE#

CCN#

FILE#

GUIDE#

E14663

XEW2

LR4642

4211-01

CUSTOMER

DISTRIBUTION

DRAWING REVISION G	REVISION BY D.SURYAWANSHI	DATE 11/15/2021
ECO ECR-0213818	APPROVED BY	DATE
ECO DESCRIPTION ADDED E-PLUS LABEL		
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TOLERANCES UNLESS OTHERWISE SPECIFIED	ANGLE
DEC. INCH mm	±0.5°
.X ±0.1 [±2.5]	
.XX ±0.02 [±0.51]	
.XXX ±0.005 [±0.127]	
XXXX ±0.0005 [±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES .003[.015] [0.076[.381]]	
CORNER FILLETS .02 [51]	
MACHINED SURFACES .125 [3.175]	
mm SHOWN IN [BRACKETS]	

DRAWN BY: YL	DATE: 11-19-2010
APPROVED BY: TZ	DATE: 11-19-2010
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE	
MATERIAL	PROCESS/FINISH
SIZE DWG NO C B657	SHEET 1

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