

# PRODUCT INFORMATION PACKET



Model No: B125  
Catalog No: B125  
Pool Pump Motor, 3.0 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, Y56C Frame, DP



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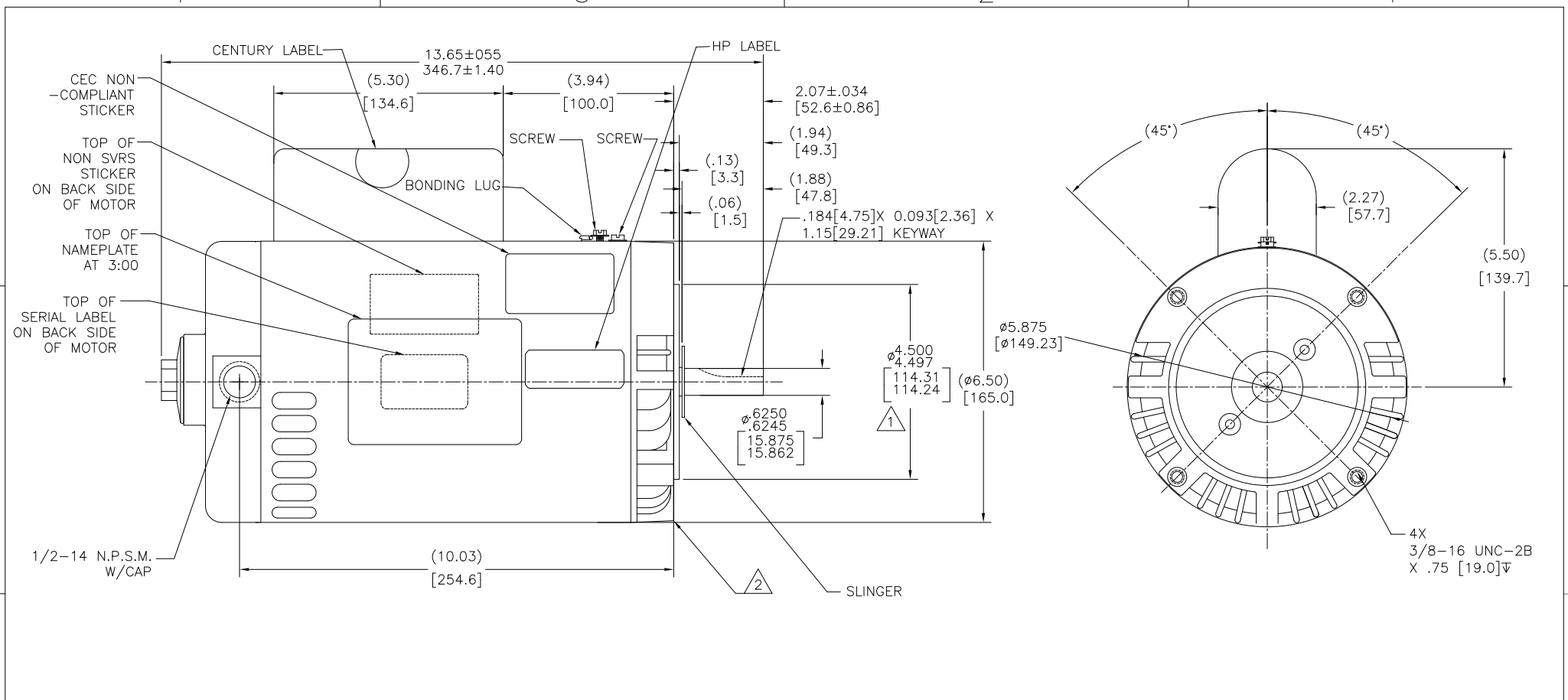
**Nameplate Specifications**

Output HP	<b>3.0 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>SF 14.1 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Frame	<b>Y56C</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>Thermally Protected</b>	Ambient Temperature	<b>50 °C</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

Electrical Type	<b>Permanent Split Capacitor, Single Or Dual Voltage</b>	Poles	<b>2</b>
Rotation	<b>Counterclockwise Pump End</b>	Mounting	<b>C Face</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball Brg</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Rolled Steel</b>
Shaft Type	<b>5/8 KEYED</b>	Overall Length	<b>13.65 in</b>
Frame Length	<b>8.50 in</b>	Shaft Diameter	<b>0.625 in</b>
Shaft Extension	<b>2.07 in</b>		
Connection Drawing	<b>17050319.PCX</b>	Outline Drawing	<b>B125-S01</b>

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NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: 159989 CUST PN: B125 HP: 3.0 SF: 1.15 ROT: CCWPE RPM: 3450 TYPE: CX CODE: F FORM: FRAME: Y 56 C VOLTS: 230 AMPS: MAX AMPS: SF AMPS: 14.1 PH: 1 HZ: 60 INS: B AMB: 50°C DUTY: CONT ENCLOSURE: ODP THERMALLY PROTECTED		1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT & WITHIN .004 T.I.R. 2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT & WITHIN .004 T.I.R. 3 SHAFT RUNOUT NOT TO EXCEED .002 T.I.R. 4 END PLAY NOT TO EXCEED .010 MEASURED WITH NO THRUST 5 ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS.

PERFORMANCE CURVE	APPROVED SAMPLE		
15593411			
UL COMPONENT	CSA		
FILE#	CCN#	FILE#	GUIDE#
E14663	XEWR2	LR4642	4211-01
CUSTOMER	DISTRIBUTION		

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	
E00	SRIKANTH	02/04/2022	DEC. INCH mm ANGLE	TDT	
ECR-0215307	APPROVED BY	DATE	.X ±0.1 [±2.5] ±0.5°	DATE:	06-09-2006
ECO DESCRIPTION	DAYANAND	02/04/2022	.XX ±0.02 [±0.51]	APPROVED BY:	
ADDED CENTURY AND HP LABEL			.XXX ±0.005 [±0.127]	TDT	DATE:
			XXXX ±0.0005 [±0.0127]	DATE:	06-20-2006
			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45°	REFERENCE	
			CORNER FILETS R.02 [5.1]	MATERIAL	
			MACHINED SURFACES .125/ mm 3/2	PROCESS/FINISH	
			mm SHOWN IN [BRACKETS]	SIZE DWG NO	B125
				THIRD ANGLE PROJECTION	SHEET 1