Self Priming Centrifugal Pump

Model 82H65–B

Size 2” x 2”

PUMP SPECIFICATIONS

Size: 2” x 2” (51 mm x 51 mm) NPT - Female.

Casing: Stainless Steel CD4MCu.

Maximum Operating Pressure 146 psi (1007 kPa)*.

Semi-Open Type, Four Vane Impeller: Stainless Steel CD4MCu.

Handles 3/4” (19.1 mm) Diameter Spherical Solids.

Impeller Shaft: Stainless Steel 17-4 PH.

Replaceable Wear Plate: Stainless Steel CD4MCu.

Pedestal: Gray Iron 30.

Seal Plate: Stainless Steel CD4MCu.

Flap Valve: Fluorocarbon (DuPont Viton® or Equivalent) and Stainless Steel 316.

Shaft Sleeve: Stainless Steel 17-4 PH.

Radial and Thrust Bearings: Open Single Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Suction Flange: Stainless Steel CD4MCu.

Gaskets: Fluorocarbon (DuPont Viton® or Equivalent).

Hardware: Stainless Steel 316.

Oil Level Sight Gauge.

Optional Equipment: Suction and Discharge Companion Flange. 120/240 Volt Casing Heater. Consult Factory for Additional Options.

*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

WARNING!

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

SEAL DETAIL Type 9, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. PTFE Sealing Wedge. Stainless Steel Alloy 20 Cage and Springs. Maximum Temperature of Liquid Pumped 160°F (71°C)*
**APPENDIX**

**SECTION 50, PAGE 1302**

**Approximate Dimensions and Weights**
- **NET WEIGHT:** 120 LBS. (54.4 KG.)
- **SHIPPING WEIGHT:** 130 LBS. (58.9 KG.)
- **EXPORT CRATE:** 7.9 CU. FT. (0.22 CU. M.)

**Multi-Speed Curve Performance Based on Water**

**Performance Curve**
- **VOLUTE:** 8149
- **CURVE:** 82H-B-1
- **IMPELLER:** 7947B
- **MODEL:** 82H-B

**Specifications Subject to Change Without Notice**
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MULTI-SPEED CURVE PERFORMANCE BASED ON PETROLEUM

60 HERTZ PERFORMANCE BASED ON WATER TRIMMED IMPELLER

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