Self Priming Centrifugal Pump

Model T10A65S-B
Size 10” x 10”

PUMP SPECIFICATIONS

Size: 10” x 10” (254 mm x 254 mm) Flanged.
Casing: Stainless Steel CD4MCu.
Maximum Operating Pressure 99 psi (683 kPa).*
Semi-Open Type, Two Vane Impeller: Stainless Steel CD4MCu.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Plate: Stainless Steel CD4MCu.
Seal Plate: Stainless Steel CD4MCu.
Removable Clean-out Cover Plate: Stainless Steel CD4MCu;
9 lbs. (4 kg).
Flap Valve: Fluorocarbon (DuPont Viton® or Equivalent)
 w/Stainless Steel Reinforcing.
Bearings: Stainless Steel CD4MCu.
Bearing Housing: Stainless Steel CD4MCu.
Radial and Thrust Bearings: Open Double Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Suction Flange: Stainless Steel CD4MCu.
Suction Head: Stainless Steel CD4MCu.
Gaskets: Fluorocarbon (DuPont Viton® or Equivalent), and PTFE.
O-Rings: Fluorocarbon (DuPont Viton® or Equivalent).
Hardware: Stainless Steel 316.
Pressure Relief Valve: Stainless Steel 316.
Bearing and Seal Cavity Oil Level Sight Gauges.
Optional Equipment: Metal Bellows Seal. Automatic Air
Release Valve. High Temperature Shutdown
Kit. 120V/240V Casing Heater. Self Cleaning Wear Plate.
Stainless Steel CD4MCu Spool Flanges:
10” ASA Discharge.
250 mm DIN 2527 (PN 16) Suction and Discharge.
*Consult Factory for Applications Exceeding Maximum
Pressure and/or Temperature Indicated.

Seal Detail

Mechanical, Oil-Lubricated, Double Floating,
Self-Aligning, Silicon Carbide Rotating and
Stationary Faces, Stainless Steel 316
Stationary Seat, Fluorocarbon Elastomers
(DuPont Viton® or Equivalent), Stainless
Steel 18-8 Cage and Spring. Maximum
Temperature of Liquid Pumped, 160°F
(71°C).*

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<th>RPM</th>
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<th>850</th>
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| 3000 HP required at 1050 RPM.
| Figure 1054.
| MAX. NSP. 2350 WHP. MAX. SPHERICAL SOLIDS.
| Notes: Max. Performance within designated range of curve.

**performance curve**

**volute 38222-70L curve TI0A-B-4**

**impeller 38615-014, model TI0A-B**

**size 10”X10” imp. dia. 14.75”**

**SP. OR 1.0 RPM NOTED**

**total head**

**3000 HP required at 1050 RPM.
Figure 1054.
MAX. NSP. 2350 WHP. MAX. SPHERICAL SOLIDS.
Notes: Max. Performance within designated range of curve.

**lithers per minute x 10**

**cubic meters per hour x 10**

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