Stainless Steel Fitted Basic Pump

Self Priming Centrifugal Pump

Model T10A61S-B
Size 10” x 10”

PUMP SPECIFICATIONS
Size: 10” x 10” (254 mm x 254 mm) Flanged.
Casing: Gray Iron 30.
Maximum Operating Pressure 99 psi (683 kPa).*
Semi-Open Type, Two Vane Impeller: Stainless Steel 316.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Plate: Stainless Steel 316.
Seal Plate: Stainless Steel 316.
Removable Clean-out Cover Plate: Gray Iron 30; 9 lbs. (4 kg).
Flap Valve: Neoprene w/Steel Reinforcing.
Bearing Housing: Gray Iron 30.
Radial and Thrust Bearings: Open Double Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Suction Flange: Gray Iron 30.
Suction Head: Gray Iron 30.
Gaskets: Buna-N, PTFE, Cork, and Rubber.
O-Rings: Buna-N.
Internal Wetted Hardware: Stainless Steel 316.
External Hardware: Standard Plated Steel.
Pressure Relief Valve: Stainless Steel 316.
Bearing and Seal Cavity Oil Level Sight Gauges.
Optional Equipment: Metal Bellows Seal. Automatic Air
Gray Iron 30 Spool Flanges:
10” ASA Discharge.
250 mm DIN 2527 (PN 16) Suction and Discharge
(Specify Model T10A61S-B /FM).

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

SEAL DETAIL

GORMAN-RUPP PUMPS
www.grpumps.com
Specifications Subject to Change Without Notice Printed in U.S.A.
Specification Data

**APPROXIMATE DIMENSIONS and WEIGHTS**

**SECTION 55, PAGE 2420**

<table>
<thead>
<tr>
<th>NET WEIGHT:</th>
<th>1455 LBS. (660 KG.)*</th>
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<tbody>
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<td>SHIPPING WEIGHT:</td>
<td>1605 LBS. (728 KG.)*</td>
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<tr>
<td>EXPORT CRATE:</td>
<td>70.3 CU. FT. (2 CU. M.)</td>
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**OPTIONAL ASA OR DIN STANDARD SPOOL FLANGES AVAILABLE**

**PERFORMANCE CURVE**

VOLUTE 38222-70L CURVE T10A-B-4
IMPELLER 38615-014, MODEL T10A-B

**TOTAL HEAD**

<table>
<thead>
<tr>
<th>RPM</th>
<th>650</th>
<th>750</th>
<th>850</th>
<th>950</th>
<th>1050</th>
<th>1150</th>
<th>1250</th>
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<td>M</td>
<td>20</td>
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<td>PSI</td>
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</tbody>
</table>

**NPSh** @ 1450 RPM

**NPSh** @ 1450 RPM

**Notes:**

- Use test performance within operating range of curve.
- NPSh required prior to using above tables. Do not use as suction lift. 3.0 CFM (170 L/min) max. max. spherical solids.