Self Priming Centrifugal Pump

Model T4A75S-B
Size 4” x 4”

PUMP SPECIFICATIONS

Size: 4” x 4” (101 mm x 101 mm) NPT - Female.
Casing: G-R Hard Iron.
Maximum Operating Pressure 86 psi (593 kPa).*
Semi-Open Type, Two Vane Impeller: G-R Hard Iron.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Wear Plate: Hardened Alloy Steel.
Removable Adjustable Cover Plate: Gray Iron 30
Removable Inspection Cover Plate: Gray Iron 30; 12 lbs. (5.4 kg.).
Flap Valve: Neoprene w/Nylon and Steel Reinforcing.
Seal Plate: G-R Hard Iron.
Bearing Housing: Gray Iron 30.
Radial Bearing: Open Single Row Ball.
Thrust Bearing: Open Double Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Flanges: Gray Iron 30.
Gaskets: Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Brass Pressure Relief Valve.
Bearing and Seal Cavity Oil Level Sight Gauges.

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

SEAL DETAIL

**Specification Data**

**SECTION 55, PAGE 2142**

**APPROXIMATE DIMENSIONS and WEIGHTS**

**NET WEIGHT:** 585 LBS. (265 KG.)*

**SHIPPING WEIGHT:** 624 LBS. (283 KG.)*

**EXPORT CRATE:** 22.7 CU. FT. (0.64 CU. M.)

*ADD 15 LBS. (6.8 KG.) W/EACH SPOOL FLANGE

**NOTE:** OPTIONAL ASA OR DIN STANDARD SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE.

---

**TOTAL HEAD**

<table>
<thead>
<tr>
<th>M</th>
<th>PSI</th>
<th>FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>60</td>
<td>140</td>
</tr>
<tr>
<td>53</td>
<td>75</td>
<td>130</td>
</tr>
<tr>
<td>62</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>71</td>
<td>105</td>
<td>110</td>
</tr>
<tr>
<td>80</td>
<td>120</td>
<td>100</td>
</tr>
<tr>
<td>89</td>
<td>135</td>
<td>90</td>
</tr>
<tr>
<td>98</td>
<td>150</td>
<td>80</td>
</tr>
</tbody>
</table>

**REPRINTING LIMITS**

**PERFORMANCE CURVE**

**VOLUTE 10528**

**[model T4A-B-4]**

**Select performance within operating range of curve.**

**SP.GR. 1.0**

**RPM NOTED**

---

GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

© Copyright Gorman-Rupp Pumps 2020