HYDROSTATIC TEST PUMPS

AARON HYDRA High Pressure Hydrostatic Test Pumps Engine operated

The Aaron HYDRA hydrostatic pumps are large volume high pressure hydrostatic test pumps. The ceramic plunger pump has an inner oil bath, ensuring long life and increased stability. The stainless steel liquid-filled gauge ensures accurate readings with less flutter. Hydrostatic Pressure Test Pumps are also a common testing procedure to verify pressure vessels do not leak or have manufacturing flaws. Hydrostatic pressure test pumps & unit is important for pressure vessels in the interest of device safety, and durability under operating pressure. Hydro-static pressure testing is a technique to identify leaks within low pressure vessels and devices such as pipes and plumbing as well.

It depends upon the following

- Initial pressure from which we start feeding the water
- Total Volume of the equipment
- Required pressure for the testing
- Time available in minutes/ hours.

The aaron hydra series are large volume, high pressure hydrostatic pumps. Designed for testing boilers, vessels, process piping, steam and gas lines. The ceramic plunger pump has an inner oil bath, ensuring long life and increased stability. Their high flow characteristics for pumps in this pressure range will speed testing as it quickly removes air from the test environment. There are no external moving parts for operator safety and reduced liability risks. Virtually indestructible, the Aaron Series is enclosed in a rugged roll cage of welded heavy gauge steel.

Applications Include

These heavy-duty triplex ceramic plunger pumps are designed for testing boilers, vessels, process piping, steam, and gas lines.

Silent features

- Max Pressure: 140 Bar to 350 bar
- Max Flow: 14 lit/min to 21 lit /min
- Brass Unloader Valve, with inlet bypass
- High Pressure Ball valve to Isolate Test Pressure
- Pressure Test Gauge
- Adjustable Pressure
- Automatic pressure regulator with inlet bypass
- Stainless steel ball valve to isolate pressure
- Enclosed in a virtually indestructible heavy duty welded steel roll cage
- 8 foot high pressure hose with 1/2” quick connect coupling
- Water Inlet  ¾”

Options

- Wheels and handle for easy transport
- Hose reel

Technical Details

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure (Max) Bar</th>
<th>Water Del. Lit/h Max.</th>
<th>Motor power in HP</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Dimensions</th>
<th>Total weight in KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDRA 140/11</td>
<td>140</td>
<td>660</td>
<td>5.5 HP Honda</td>
<td>3/4”</td>
<td>3/8”</td>
<td>635x534x432</td>
<td>55</td>
</tr>
<tr>
<td>HYDRA 250/15</td>
<td>250</td>
<td>900</td>
<td>13.0 HP Honda</td>
<td>3/4”</td>
<td>3/8”</td>
<td>889x635x482</td>
<td>85</td>
</tr>
<tr>
<td>HYDRA 350/15</td>
<td>350</td>
<td>900</td>
<td>20.0 HP Honda</td>
<td>3/4”</td>
<td>3/8”</td>
<td>889x635x533</td>
<td>115</td>
</tr>
</tbody>
</table>

Note: These units are available with petrol, diesel, pneumatic or electric power sources. Special order options available, pumps can be built to suit to your application Above models are listed as a guide only, the data is subject to variation and the producer reserves the right to change design specifications without notice.