Specification Data

Diesel Engine Driven

Priming Assisted Centrifugal Pump w/Autostart

Model VPA4A60C-3CH1 FT4

Size 4” x 4”

<table>
<thead>
<tr>
<th>Total Head</th>
<th>Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.S.I.</td>
<td>Feet</td>
</tr>
<tr>
<td>49.0</td>
<td>113</td>
</tr>
<tr>
<td>43.4</td>
<td>100</td>
</tr>
<tr>
<td>34.7</td>
<td>80</td>
</tr>
<tr>
<td>26.0</td>
<td>60</td>
</tr>
<tr>
<td>17.3</td>
<td>40</td>
</tr>
<tr>
<td>8.7</td>
<td>20</td>
</tr>
</tbody>
</table>

Suction Lift 25’ 20’ 15’ 10’ 5’

PUMP SPECIFICATIONS

Size: 4” x 4” (102 mm x 102 mm) Flanged.
Casing: Gray Iron 30.
Maximum Operating Pressure 74 psi (510 kPa).
Maximum Temperature of Liquid Pumped 160°F (71°C).*
Semi-Open Type, Single Vane Impeller: Ductile Iron 65-45-12.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Replaceable Wear Plate: Carbon Steel ASTM A36.
Bearing Housing: Gray Iron 30.
Seal Plate: Gray Iron 30.
Shaft Sleeve: Alloy Steel 4130.
Priming Chamber: Gray Iron 30 Housing w/Stainless Steel Float and Linkage.
Discharge Check Valve: Ductile Iron Housing w/Buna-N Flapper.
Bearings: Permanently Lubricated Single Row Ball.
Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Gaskets: Red Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.

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

Standard Equipment: Belt-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Standard Auto-start Control Panel Single Ball Type Float Switch.**


**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.

ENGINE SPECIFICATIONS

Model: Isuzu 3CH1.
EPA Tier: Final Tier 4.
Type: Three Cylinder, Diesel Engine.
Displacement 97.6 Cu. In. (1.6 Liters).
Lubrication: Forced Circulation.
Governor: Mechanical.
Air Cleaner: Dry Type.

Full Load Operating Time: 21.9 Hrs.
Starter: 12V Electric.
Standard Features: Muffler w/Weather Cap. DOC Exhaust After-Treatment System.
Optional: Electronic Fuel Level Sensor.


ISUZU PUBLISHED PERFORMANCE:

Maximum Gross Continuous BHP 23.9 (17.8 kW) @ 3000 RPM