Model VSC
12x14x17½B
Double Suction Split Case Pump

SPECIFICATIONS

<table>
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<tr>
<th>FLOW</th>
<th>HEAD</th>
<th>HP</th>
<th>RPM</th>
</tr>
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<th>PHASE</th>
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<th>APPROX. WEIGHT</th>
<th>SPECIALS</th>
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STANDARD MATERIALS OF CONSTRUCTION
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Groutless Baseplate
- ANSI/OSHA Coupling Guard
- ISO 1940-1:2003 Impeller Balance

OPTIONAL MATERIALS OF CONSTRUCTION
- Galvanized Drip Pan
- Spacer Coupling

TYPE OF SEAL AND WORKING PRESSURE
- **Standard**: 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 125 PSIG (8.5 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional**: 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 125 PSIG (8.5 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional**: 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded Silicon Carbide, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
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HP ____________ RPM ____________
VOLTS ____________ CYCLE ____________ PHASE ____________
ENCLOSURE ____________ APPROX. WEIGHT ____________
SPECIALS ____________

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Model VSC 12x14x17½B Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
</tr>
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<tbody>
<tr>
<td>Discharge 12&quot;</td>
<td>2.25 (56)</td>
<td>20.25 (514)</td>
</tr>
<tr>
<td>Suction 14&quot;</td>
<td>2.38 (60)</td>
<td>22.38 (568)</td>
</tr>
</tbody>
</table>

**FLANGES ARE 125# ANSI - STANDARD 250# ANSI - AVAILABLE**

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.4</td>
<td>24</td>
<td>14.4</td>
</tr>
<tr>
<td>(366)</td>
<td>(610)</td>
<td>(366)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 34 inches (864 mm)

**STANDARD COUPLER**

Motor dimensions are approximate and vary by manufacturer and motor type.

Distance to the next available hole.

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC*</th>
<th>HD</th>
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<tr>
<td>5010S/MS</td>
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<td>108</td>
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Dimensions are subject to change. Not to be used for construction purposes unless certified.

Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.
**Model VSC 12x14x17½B Centrifugal Pump Submittal**

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Removal clearance from end of bracket: 34 Inches (864 mm)

**SPACER COUPLER**

*Motor dimensions are approximate and vary by manufacturer and motor type.

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These dimensions are valid when using the Woods Duraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.
Model VSC
12x14x17½B
Double Suction Split Case Pump

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Series VSX
Bell & Gossett
12x14x17½B
980 RPM

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xylem
Let's Solve Water
Model VSC 12x14x17½B
Double Suction Split Case Pump

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