Model VSC
6x8x10½B
Double Suction Split Case Pump

SPECIFICATIONS

FLOW
HEAD

HP
RPM

VOLTS

CYCLE
PHASE

ENCLOSURE

APPROX. WEIGHT

SPECIALS

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, 175 PSIG (12 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, 200 PSIG (13.7 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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Model VSC 6x8x10½B Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge 6&quot;</td>
<td>1.63 (41)</td>
<td>12.13 (308)</td>
</tr>
<tr>
<td>Suction 8&quot;</td>
<td>1.81 (46)</td>
<td>14.75 (375)</td>
</tr>
</tbody>
</table>

**FLANGES ARE 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

**DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
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<tr>
<td>(220)</td>
<td>(362)</td>
<td>(220)</td>
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Removal clearance from end of bracket: 22 Inches (559 mm)

**STANDARD COUPLER**

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

Distance to the next available hole.

---

**DIMENSIONS - INCHES (mm) FOR STANDARD COUPLER**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC*</th>
<th>HD</th>
<th>2HE</th>
<th>HF1</th>
<th>HF2**</th>
<th>HG</th>
<th>HH</th>
<th>HM*</th>
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<td>597</td>
<td>51</td>
<td>1295</td>
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<td>133</td>
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<td>29.97</td>
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<td>25.4</td>
<td>61 (1549)</td>
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<td>1486</td>
<td>22</td>
<td>559</td>
<td>23.52</td>
<td>597</td>
<td>51</td>
<td>1295</td>
<td>432</td>
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<td>29.82</td>
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<tr>
<td>256T</td>
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<td>25.4</td>
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<td>597</td>
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<td>0.88</td>
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<td>286T/TS</td>
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Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

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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.