Model VSCS 10x12x11½B
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, 300 PSIG (20 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)
Model VSCS
10x12x11½B
Double Suction Split Case Pump

SPECIFICATIONS
FLOW _______ HEAD _______
HP _______ RPM _______
VOLTS _______ CYCLE _______ PHASE _______
ENCLOSURE _______ APPROX. WEIGHT _______
SPECIALS _______

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☐ Optinal: 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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☐ Spacer Coupling

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☐ 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)

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**Model VSCS 10x12x11½B 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</td>
<td>10&quot;</td>
<td>2.125 (54)</td>
</tr>
<tr>
<td>Suction</td>
<td>12&quot;</td>
<td>2.25 (57)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Y</th>
<th>Y</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.82</td>
<td>19</td>
<td>19</td>
<td>9.82</td>
<td></td>
</tr>
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</table>

(249) (483) (483) (249)

Removal clearance from end of bracket: 26 Inches (660 mm)

**STANDARD COUPLER**

- Motor dimensions are approximate and vary by manufacturer and motor type.
- Dimensions vary due to coupler gap based on horse power.
- Distance to the next available hole.

### Dimensions in Inches (mm)

<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>HF₃</th>
<th>HG</th>
<th>HH</th>
<th>HM</th>
<th>HO</th>
<th>HP</th>
<th>HQ</th>
<th>HR</th>
<th>W</th>
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<tr>
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<td>73</td>
<td>66.329</td>
<td>692</td>
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<td>63</td>
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<td>5</td>
<td>9.125</td>
<td>(232)</td>
</tr>
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<td>73</td>
<td>70.27</td>
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<td>72.109</td>
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<td>29.52</td>
<td>63</td>
<td>15.75</td>
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<td>46.25</td>
<td>5</td>
<td>5</td>
<td>9.125</td>
<td>(232)</td>
</tr>
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<td>405T/TS</td>
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<td>31.4</td>
<td>73</td>
<td>77.21</td>
<td>692</td>
<td>27.25</td>
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<td>84.28</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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Model VSCS 10x12x11½B Centrifugal Pump Submittal

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<th>W</th>
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***These dimensions are valid when using the Woods Duraflex or Dodge Paraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.