Model VSCS
10x12x17½B
Double Suction Split Case Pump

SPECIFICATIONS

<table>
<thead>
<tr>
<th>FLOW</th>
<th>HEAD</th>
<th>HP</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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, 160 PSIG (10.9 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, 160 PSIG (10.9 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
10x12x17½B
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
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☑ Alignment Friendly Coupling
☑ Heavy Duty Groutless Baseplate
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Series VSX
Bell & Gossett
10x12x17½B
1480 RPM

Bell & Gossett
Let's Solve Water
Model VSCS
10x12x17½B
Double Suction Split Case Pump

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

STANDARD MATERIALS OF CONSTRUCTION
☑ Cast Iron Bronze Fitted
☑ Heavy Duty Maintenance Free Bearings
☑ Alignment Friendly Coupling
☑ Heavy Duty Grountless Baseplate
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OPTIONAL MATERIALS OF CONSTRUCTION
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Series VSX
Bell & Gossett
10x12x17½B
1780 RPM
Model VSCS 10x12x17½B 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>10&quot;</td>
<td>2.13 (54)</td>
<td>17.00 (432)</td>
</tr>
<tr>
<td>12&quot;</td>
<td>2.25 (57)</td>
<td>20.25 (514)</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>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>22</td>
<td>22</td>
<td>13</td>
</tr>
<tr>
<td>(330)</td>
<td>(559)</td>
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</tr>
</tbody>
</table>

Removal clearance from end of bracket: 30 Inches (762 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>DIMENSIONS - INCHES (mm) FOR STANDARD COUPLER</th>
</tr>
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<tbody>
<tr>
<td>CP</td>
<td>HA</td>
</tr>
<tr>
<td>365T/TS</td>
<td>42.12 (1070)</td>
</tr>
<tr>
<td>404T/TS</td>
<td>42.12 (1070)</td>
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<tr>
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</tr>
<tr>
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<tr>
<td>445T/TS</td>
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</tr>
<tr>
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<tr>
<td>† † 5008MS</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.

† For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at the time of order entry.

‡ Submittal dimensions for motor frames above 449 NEMA are specific to ODP U.S. Electric Motors Only.
Model VSCS 10x12x17½B Centrifugal Pump Submittal

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**FLANGES ARE 125# ANSI - STANDARD
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Motor dimensions are approximate and vary by manufacturer and motor type.

Distance to the next available hole.

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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.