Model VSCS
8x10x17½A
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 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)
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8x10x17½A
Double Suction Split Case Pump

Specifications
- Flow
- Head
- HP
- RPM
- Volts
- Cycle
- Phase
- Enclosure
- Approx. Weight
- Specials

Standard Materials of Construction
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Series VSX

Bell & Gossett
8x10x17½A
1480 RPM

NPSHr (FT) (M)

Date: 12/28/2016

0 15

0 1,000 2,000 3,000 4,000 5,000

Capacity (GPM)

0 200 400 600 800 1,000

0 75

70% 75% 80% 85% 90% 95%

0 50

50 100 150 200 250 300

Total Head (FT) (M)
**Model VSCS**

8x10x17½A

Double Suction Split Case Pump

**SPECIFICATIONS**

<table>
<thead>
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<th>FLOW</th>
<th>HEAD</th>
<th>HP</th>
<th>RPM</th>
<th>VOLTS</th>
<th>CYCLE</th>
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<th>ENCLOSURE</th>
<th>APPROX. WEIGHT</th>
<th>SPECIALS</th>
</tr>
</thead>
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**Series VSX**

### Bell & Gossett

8x10x17½A

1780 RPM

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**xylem**

Let's Solve Water
**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>8&quot;</td>
<td>1.81 (46)</td>
</tr>
<tr>
<td>Suction</td>
<td>10&quot;</td>
<td>2.06 (52)</td>
</tr>
</tbody>
</table>

**FLANGES ARE DRILLED 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>12.61</td>
<td>21</td>
<td>21</td>
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<tr>
<td>(320)</td>
<td>(533)</td>
<td>(533)</td>
<td>(320)</td>
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</tbody>
</table>

Removal clearance from end of bracket: 26 Inches (660 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' MAX.</th>
<th>HD</th>
<th>2HE</th>
<th>HF1</th>
<th>HF2''</th>
<th>HG</th>
<th>HH</th>
<th>HM' MAX.</th>
<th>HO</th>
<th>HP</th>
<th>HQ</th>
<th>HR</th>
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<tbody>
<tr>
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<td>42.12</td>
<td>41</td>
<td>91</td>
<td>73.37 (1864)</td>
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<td>39.12 (994)</td>
<td>81 (2057)</td>
<td>20.25 (514)</td>
<td>7 (178)</td>
<td>1.13 (29)</td>
<td>38.07 (967)</td>
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<td>14.75 (375)</td>
<td>23.56 (598)</td>
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</tr>
<tr>
<td>326/T/S</td>
<td>42.12</td>
<td>41</td>
<td>91</td>
<td>74.9</td>
<td>29.5</td>
<td>39.12 (994)</td>
<td>81 (2057)</td>
<td>20.25 (514)</td>
<td>7 (178)</td>
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<td>23.56 (598)</td>
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</tr>
<tr>
<td>364/T/S</td>
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<td>91</td>
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<tr>
<td>365/T/S</td>
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<tr>
<td>444/T/S</td>
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<td>91</td>
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<td>1.13 (29)</td>
<td>45.02 (1144)</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.

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**SPACER COUPLER**

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**Distance to the next available hole.**

**DIMENSIONS - INCHES (MM) FOR PUMPS WITH SPACER COUPLER**

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These dimensions are valid when using the Woods Duraflex spacer coupling option. For dimensions on Dodge Paraflex or Faulk SteelFlex coupling options, consult factory for a special submittal drawing.

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