Model VSCS
6x8x10½A
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 6x8x10½A 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>6&quot;</td>
<td>1.63 (41)</td>
</tr>
<tr>
<td>Suction</td>
<td>8&quot;</td>
<td>1.81 (46)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>YY</th>
<th>Z</th>
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<tr>
<td>8.65</td>
<td>14.25</td>
<td>14.25</td>
<td>8.65</td>
</tr>
<tr>
<td>(220)</td>
<td>(362)</td>
<td>(362)</td>
<td>(220)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 22 Inches (559 mm)

### STANDARD COUPLER

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.

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

**Distance to the next available hole.

---

**Motor dimensions are approximate and vary by manufacturer and motor type.
Model VSCS 6x8x10½A
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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- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Groutless Baseplate
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- 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)

**Series VSX 6x8x10½ A 1180 RPM**

**Bell & Gossett**

xylem
Let’s Solve Water
Model VSCS
6x8x10½A
Double Suction Split Case Pump

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![Series VSX Graph](image-url)
Model VCS 6x8x10½A Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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**SPACER 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>
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<th>HB (1778)</th>
<th>HC (1655)</th>
<th>HD (559)</th>
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<th>HF1 (1524)</th>
<th>HF2 (381)</th>
<th>5.25 (133)</th>
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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.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)965-3700
Fax: (847)965-8379
www.bellgossett.com

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