## SPECIFICATIONS

<table>
<thead>
<tr>
<th>FLOW</th>
<th>HEAD</th>
<th>HP</th>
<th>RPM</th>
<th>VOLTS</th>
<th>CYCLE</th>
<th>PHASE</th>
<th>ENCLOSURE</th>
<th>APPROX. WEIGHT</th>
<th>SPECIALS</th>
</tr>
</thead>
</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, 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)

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**Model VSCS**

5x6x10½B

Double Suction Split Case Pump

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**Series VSX**

Bell & Gossett

5x6x10½B

1180 RPM

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![Graph Image]
Model VSCS 5x6x10½B
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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- 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
5x6x10½B
Double Suction Split Case Pump

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

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☑ 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 5x6x10½B 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 5”</td>
<td>1.56 (40)</td>
<td>10.75 (273)</td>
</tr>
<tr>
<td>Suction 6”</td>
<td>1.63 (41)</td>
<td>12.13 (308)</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>YY</th>
<th>Z</th>
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<tr>
<td>(178)</td>
<td>(349)</td>
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<td>(178)</td>
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Removal clearance from end of bracket: 21 Inches (533 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</th>
<th>HD</th>
<th>2HE</th>
<th>HF₁</th>
<th>HF₂</th>
<th>HG</th>
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<th>HP</th>
<th>HQ</th>
<th>HR</th>
<th>W</th>
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<td>50</td>
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<td>19.25 (489)</td>
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<td>4 (102)</td>
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<td>17.81 (452)</td>
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<td>50</td>
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<td>19.25 (489)</td>
<td>23.38 (594)</td>
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<td>14 (356)</td>
<td>5.25 (133)</td>
<td>0.88 (22)</td>
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<td>33 (838)</td>
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<td>7.63 (194)</td>
<td>17.81 (452)</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.

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 5x6x10½B Centrifugal Pump Submittal**

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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.

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