Model VSCS
4x6x17½A
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, 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)

Series VSX

**Bell & Gossett**
4x6x17½A
1180 RPM

[Graph showing performance characteristics of the pump]

**Let's Solve Water**
Model VSCS
4x6x17½A
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, 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)

Series VSX

Bell & Gossett
4x6x17½A
1480 RPM

xylem
Let’s Solve Water
Model VSCS
4x6x17½A
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, 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)
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Series VSX
Model VSCS 4x6x17½A Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<tr>
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<tr>
<td>Suction</td>
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<td>1.63 (41)</td>
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**FLANGES ARE DRILLED 125# ANSI - STANDARD 250# ANSI - AVAILABLE**

### DIMENSIONS IN INCHES (MM)

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Removal clearance from end of bracket: 23 Inches (584 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>
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<td>0.88</td>
<td>(22)</td>
<td>31.82</td>
<td>(808)</td>
</tr>
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</tbody>
</table>

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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Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.
Model VSCS 4x6x17½A Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<tr>
<td>Suction</td>
<td>6&quot;</td>
<td>1.63 (41)</td>
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**FLANGES ARE DRILLED 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

<table>
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<th>S</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
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</tr>
<tr>
<td>(248)</td>
<td>(457)</td>
<td>(457)</td>
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Removal clearance from end of bracket: 23 Inches (584 mm)

**SPACER COUPLER**

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

Distance to the next available hole.

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

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
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<th>HC* MAX.</th>
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<td>16.40</td>
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These dimensions are valid when using the Woods Duraflex spacer coupling option. For dimensions on Faulk SteelFlex coupling options, consult factory for a special submittal drawing.