### Model VSCS

**10x12x13½A**

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, 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)

#### Performance Chart

**Series VSX**

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**Bell & Gossett**

10x12x13½A

1780 RPM

**Series VSX** Performance Chart.


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.

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<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC</th>
<th>HD</th>
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<th>HF1</th>
<th>HF2</th>
<th>HG</th>
<th>HH</th>
<th>HM</th>
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<td>6.25</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.
Model VSCS
10x12x13½A
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, 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)
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Series VSX
Bell & Gossett
10x12x13½A
1180 RPM

xylem
Let’s Solve Water
Model VSCS
10x12x13½A
Double Suction Split Case Pump

SPECIFICATIONS
FLOW ___________ HEAD ___________
HP ___________ RPM ___________
VOLTS ___________ CYCLE ___________ PHASE ___________
ENCLOSURE ___________
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SPECIALS ___________

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Model VSCS 10x12x13½A Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<th></th>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<td>17.00 (432)</td>
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<td>Suction</td>
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<td>2.25 (57)</td>
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**FLANGES ARE 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

<p>| | | | |</p>
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<tr>
<td>S</td>
<td>X</td>
<td>Y</td>
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<td>(495)</td>
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Removal clearance from end of bracket: 26 inches (660 mm)

**SPACER COUPLER**

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

Distance to the next available hole.

**DIMENSIONS IN INCHES (MM)**

<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>
<th>HH</th>
<th>HM*</th>
<th>HO</th>
<th>HP</th>
<th>HQ</th>
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<td>84</td>
<td>79.52 (2020)</td>
<td>28.75 (730)</td>
<td>29.52 (750)</td>
<td>74</td>
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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.