**Model VSH**

**4x6x10½A**

Double Suction Split Case Pump

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>STANDARD MATERIALS OF CONSTRUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOW</td>
<td>□ Cast Iron Bronze Fitted</td>
</tr>
<tr>
<td></td>
<td>□ Heavy Duty Maintenance Free Bearings</td>
</tr>
<tr>
<td></td>
<td>□ Alignment Friendly Coupling</td>
</tr>
<tr>
<td></td>
<td>□ Heavy Duty Greutless Baseplate</td>
</tr>
<tr>
<td></td>
<td>□ ANSI/OSHA Coupling Guard</td>
</tr>
<tr>
<td></td>
<td>□ ISO 1940-1:2003 Impeller Balance</td>
</tr>
<tr>
<td></td>
<td>□ Galvanized Drip Pan</td>
</tr>
<tr>
<td></td>
<td>□ Spacer Coupling</td>
</tr>
</tbody>
</table>

**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, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
**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>4&quot;</td>
<td>1.50 (38)</td>
</tr>
<tr>
<td>Suction</td>
<td>6&quot;</td>
<td>1.69 (43)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>S</th>
<th>VH</th>
<th>X</th>
<th>YY</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.75</td>
<td>8.58</td>
<td>12</td>
<td>12</td>
<td>7.75</td>
</tr>
</tbody>
</table>

![Image](image.png)

Removal clearance from end of bracket: 19 inches (483 mm)

**STANDARD COUPLER**

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

Motor 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 VSH 4x6x10½A
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 Grountless 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)

Graphical chart showing performance characteristics of the pump.

Bell & Gossett
4x6x10½ A
1180 RPM
Model VSH
4x6x10½A
Double Suction Split Case Pump

SPECIFICATIONS

FLOW _______ HEAD ________
HP _______ RPM _______
VOLTS __________ PHASE _______
CYCLE __________ PHASE _______
ENCLOSURE ____________
APPROX. WEIGHT ____________
SPECIALS _______________

STANDARD MATERIALS OF CONSTRUCTION
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Grountless 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)
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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 VSH 4x6x10½A 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 4&quot;*</td>
<td>1.50 (38)</td>
<td>10.25 (254)</td>
</tr>
<tr>
<td>Suction 6&quot;*</td>
<td>1.69 (43)</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>VH</th>
<th>X</th>
<th>YY</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.75</td>
<td>(197)</td>
<td>8.58</td>
<td>(218)</td>
<td>12</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 19 inches (483 mm)

---

**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>
<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>
<th>HR</th>
<th>W</th>
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</thead>
<tbody>
<tr>
<td>184T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>1925</td>
<td>23.38</td>
<td>57</td>
<td>19</td>
<td>5.25</td>
<td>0.88</td>
<td>25.1</td>
<td>27.83</td>
<td>5</td>
<td>16.40</td>
<td>(168)</td>
<td>(416)</td>
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</tr>
<tr>
<td>213T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>1925</td>
<td>23.38</td>
<td>57</td>
<td>19</td>
<td>5.25</td>
<td>0.88</td>
<td>24.97</td>
<td>27.83</td>
<td>5</td>
<td>16.40</td>
<td>(168)</td>
<td>(416)</td>
<td></td>
</tr>
<tr>
<td>215T</td>
<td>29.41</td>
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<td>67</td>
<td>1925</td>
<td>23.38</td>
<td>57</td>
<td>19</td>
<td>5.25</td>
<td>0.88</td>
<td>27.22</td>
<td>27.83</td>
<td>5</td>
<td>16.40</td>
<td>(168)</td>
<td>(416)</td>
<td></td>
</tr>
<tr>
<td>254T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>1925</td>
<td>23.38</td>
<td>57</td>
<td>19</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>27.83</td>
<td>5</td>
<td>16.40</td>
<td>(168)</td>
<td>(416)</td>
<td></td>
</tr>
<tr>
<td>256T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>1925</td>
<td>23.38</td>
<td>57</td>
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<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>27.83</td>
<td>5</td>
<td>16.40</td>
<td>(168)</td>
<td>(416)</td>
<td></td>
</tr>
<tr>
<td>284T/TS</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>1925</td>
<td>23.38</td>
<td>57</td>
<td>19</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>27.83</td>
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<td>16.40</td>
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<td>(416)</td>
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<td></td>
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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.

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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