Model VSH
5x6x13½A
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)
FLANGE DIMENSIONS IN INCHES (MM)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>1.63 (41)</td>
<td>10.75 (273)</td>
</tr>
<tr>
<td>6&quot;</td>
<td>1.69 (41)</td>
<td>12.13 (308)</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>
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<tbody>
<tr>
<td>8.975</td>
<td>10.5</td>
<td>17</td>
<td>17</td>
<td>8.975</td>
</tr>
<tr>
<td>(228)</td>
<td>(267)</td>
<td>(432)</td>
<td>(432)</td>
<td>(228)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 23 Inches (584 mm)

STANDARD COUPLER

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

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"Distance to the next available hole.

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

"Distance to the next available hole.

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.
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Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

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Model VSH
5x6x13½A
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
- 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)
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**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Model</td>
<td>VSH</td>
</tr>
<tr>
<td>Size</td>
<td>5x6x13½A</td>
</tr>
<tr>
<td>Description</td>
<td>Double Suction Split Case Pump</td>
</tr>
</tbody>
</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)
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**Graph**

The graph shows the performance characteristics of the Series VSX pump, specifically the 5x6x13½A model at 1480 RPM. It displays the relationship between flow rate (in gallons per minute) and total head (in feet of water) for different horsepower ratings. The graph also includes a note indicating that the plot was generated on 11/20/2016.
Motor dimensions are approximate and vary by manufacturer and motor type.

*Distance to the next available hole.

## Flange Dimensions in Inches (mm)

<table>
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<tr>
<th></th>
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<tr>
<td>Discharge</td>
<td>5&quot;</td>
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<tr>
<td>Suction</td>
<td>6&quot;</td>
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## Spacing Coupler

**Dimensions in Inches (mm)**

<table>
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Removal clearance from end of bracket: 23 inches (584 mm)

### Motor Frame Table

<table>
<thead>
<tr>
<th>Motor Frame</th>
<th>Dimensions - Inches (mm) for Spacer Coupler</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CP</td>
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<tr>
<td>254T</td>
<td>34.48</td>
</tr>
<tr>
<td>256T</td>
<td>34.48</td>
</tr>
<tr>
<td>284T/TS</td>
<td>34.48</td>
</tr>
<tr>
<td>286T/TS</td>
<td>34.48</td>
</tr>
<tr>
<td>324T/TS</td>
<td>34.48</td>
</tr>
<tr>
<td>326T/TS</td>
<td>34.48</td>
</tr>
<tr>
<td>364T/TS</td>
<td>34.48</td>
</tr>
<tr>
<td>365T/TS</td>
<td>34.48</td>
</tr>
<tr>
<td>404T/TS</td>
<td>34.48</td>
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<tr>
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<td>34.48</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.