Model VSH
8x10x13½B
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)

Diagram: Series VSX vs Bell & Gossett 8x10x13½B 1180 RPM Graph
Model VSH
8x10x13½B
Double Suction Split Case Pump

SPECIFICATIONS

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

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- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
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Model VSH 8x10x13½B Centrifugal Pump Submittal

**DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>1.81 (46)</td>
<td>14.75 (375)</td>
</tr>
<tr>
<td>10&quot;</td>
<td>2.07 (52)</td>
<td>17.00 (432)</td>
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</tbody>
</table>

**FLANGES ARE 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

**STANDARD COUPLER**

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.

**FLANGE DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>S</th>
<th>VH</th>
<th>X</th>
<th>Y</th>
<th>Y</th>
<th>Z</th>
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<td>10.6</td>
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**DIMENSIONS IN INCHES (MM)**

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<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>HFf**</th>
<th>HQ</th>
<th>HH</th>
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<th>HQ</th>
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<tr>
<td>284T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>73 (1854)</td>
<td>64.833 (1647)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>63 (1600)</td>
<td>15.75 (400)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>35.07 (891)</td>
<td>40 (1016)</td>
<td>5 (127)</td>
<td>5 (127)</td>
<td>9.13 (232)</td>
<td>20.82 (529)</td>
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<tr>
<td>269T/TS</td>
<td>37.9 (963)</td>
<td>31.4 (798)</td>
<td>73 (1854)</td>
<td>66.329 (1685)</td>
<td>27.25 (692)</td>
<td>29.52 (750)</td>
<td>63 (1600)</td>
<td>15.75 (400)</td>
<td>6.25 (159)</td>
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<td>324T/TS</td>
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<td>63 (1600)</td>
<td>15.75 (400)</td>
<td>6.25 (159)</td>
<td>0.88 (22)</td>
<td>35.07 (891)</td>
<td>40 (1016)</td>
<td>5 (127)</td>
<td>5 (127)</td>
<td>9.13 (232)</td>
<td>20.82 (529)</td>
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**DIMENSIONS - INCHES (mm) FOR STANDARD COUPLER**

**Removal clearance from end of bracket: 24 Inches (610 mm)**

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

**Distance to the next available hole.**
Model VSH 8x10x13½B Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<th>SIZE</th>
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<td>Discharge</td>
<td>8&quot;</td>
<td>1.81 (46)</td>
<td>14.75 (375)</td>
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<tr>
<td>Suction</td>
<td>10&quot;</td>
<td>2.07 (52)</td>
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**FLANGES ARE 125# ANSI - STANDARD 250# ANSI - AVAILABLE**

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<tr>
<td></td>
<td>(269)</td>
<td>(324)</td>
<td>(464)</td>
<td>(464)</td>
<td>(269)</td>
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</tr>
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Removal clearance from end of bracket: 24 Inches (610 mm)

**SPACER COUPLER**

- Motor dimensions are approximate and vary by manufacturer and motor type.
- **Distance to the next available hole.**

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

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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.

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.