Model VSH 10x12x17½B
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, 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
10x12x17½B
Double Suction Split Case Pump

SPECIFICATIONS

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<tr>
<th>FLOW</th>
<th>HEAD</th>
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<tr>
<td>HP</td>
<td>RPM</td>
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<tr>
<td>VOLTS</td>
<td>CYCLE</td>
</tr>
<tr>
<td>ENCLOSURE</td>
<td>APPROX. WEIGHT</td>
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</tbody>
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STANDARD MATERIALS OF CONSTRUCTION
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- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
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### Performance Chart

![Series VSX Performance Chart](chart_image)
### Model VSH
**10x12x17½B**
Double Suction Split Case Pump

#### SPECIFICATIONS
- **FLOW**
- **HEAD**
- **HP**
- **RPM**
- **VOLTS**
- **CYCLE**
- **PHASE**
- **ENCLOSURE**
- **APPROX. WEIGHT**
- **SPECIALS**

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**Graphs and Diagrams**

**Series VSX**

**Bell & Gossett**

**10x12x17½B**

**1480 RPM**
**Model VSH 10x12x17½B**
Double Suction Split Case Pump

**SPECIFICATIONS**
- **FLOWS**
- **HEAD**
- **HP**
- **RPM**
- **VOLTS**
- **CYCLE**
- **PHASE**
- **ENCLOSURE**
- **APPROX. WEIGHT**
- **SPECIALS**

**STANDARD MATERIALS OF CONSTRUCTION**
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- Alignment Friendly Coupling
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**Model VSH 10x12x17½B Centrifugal Pump Submittal**

### FLANGE DIMENSIONS IN INCHES (MM)

<table>
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<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<tr>
<td>Discharge 10&quot;</td>
<td>2.13 (54)</td>
<td>17.00 (432)</td>
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<tr>
<td>Suction 12&quot;</td>
<td>2.25 (57)</td>
<td>20.25 (514)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>DIMENSIONS IN INCHES (MM)</th>
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<tbody>
<tr>
<td>S</td>
</tr>
<tr>
<td>13</td>
</tr>
<tr>
<td>(330)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 30 Inches (762 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>DIMENSIONS - INCHES (mm) FOR STANDARD COUPLER</th>
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<tbody>
<tr>
<td>CP</td>
<td>HA</td>
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<tr>
<td>365T/TS</td>
<td>42.12 (1070)</td>
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<tr>
<td>404T/TS</td>
<td>42.12 (1070)</td>
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<tr>
<td>405T/TS</td>
<td>42.12 (1070)</td>
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<tr>
<td>444T/TS</td>
<td>42.12 (1070)</td>
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<td>445T/TS</td>
<td>42.12 (1070)</td>
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<tr>
<td>447T/TS</td>
<td>42.12 (1070)</td>
</tr>
<tr>
<td>449T/TS</td>
<td>42.12 (1070)</td>
</tr>
</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.

† For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at the time of order entry.

‡ Submittal dimensions for motor frames above 449 NEMA are specific to ODP U.S. Electric Motors Only.
Model VSH 10x12x17½B Centrifugal Pump Submittal

**HF SIZE**
- 42.12 (54) 17.00 (432)
- 2.25 (57) 20.25 (514)

**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>
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<td>13</td>
<td>15.5</td>
<td>22</td>
<td>22</td>
<td>13</td>
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<td>(330)</td>
<td>(394)</td>
<td>(559)</td>
<td>(559)</td>
<td>(330)</td>
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Removal clearance from end of bracket: 30 inches (762 mm)

**SPACER COUPLER**

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

Distance to the next available hole.

**DIMENSIONS - INCHES (mm) FOR SPACER COUPLER**

<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>
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<td>365T/TS</td>
<td>42.12 (1070) 41 (1041) 96 (2438) 89.329 (2269) 31.5 (800) 39.12 (994) 86 (2184) 17.20 (437) 7.13 (18) (178) 1.13 (29) 41.45 (1053) 47 (1194) 5 (127)</td>
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<td>405T/TS</td>
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<td>444T/TS</td>
<td>42.12 (1070) 41 (1041) 105 (2667) 99.396 (2525) 31.5 (800) 39.12 (994) 95 (2413) 19 (483) 7.13 (18) (178) 1.13 (29) 41.97 (1066) 47 (1194) 5 (127)</td>
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<tr>
<td>445T/TS</td>
<td>42.12 (1070) 41 (1041) 105 (2667) 101 (2565) 31.5 (800) 39.12 (994) 95 (2413) 19 (483) 7.13 (18) (178) 1.13 (29) 41.97 (1066) 47 (1194) 5 (127)</td>
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<td>447T/TS</td>
<td>42.12 (1070) 41 (1041) 105 (2667) 107.48 (2730) 31.5 (800) 39.12 (994) 95 (2413) 19 (483) 7.13 (18) (178) 1.13 (29) 41.97 (1066) 47 (1194) 5 (127)</td>
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<tr>
<td>449T/TS</td>
<td>42.12 (1070) 41 (1041) 105 (2667) 108.18 (2748) 31.5 (800) 39.12 (994) 95 (2413) 19 (483) 7.13 (18) (178) 1.13 (29) 41.97 (1066) 47 (1194) 5 (127)</td>
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<td>† † 5008MS</td>
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<td>† † 5010MS</td>
<td>42.12 (1070) 41 (1041) 108 (2743) 110.5 (2807) 33.88 (861) 38 (965) 98 (2489) 24.5 (622) 9.38 (238) 1.37 (35) 48.38 (1218) 49.38 (1254) 5 (127)</td>
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<tr>
<td>† † 5807S</td>
<td>42.12 (1070) 41 (1041) 118 (2997) 114.12 (2999) 33.88 (861) 38 (965) 81 (2057) 27 (688) 9.38 (238) 1.37 (35) 49.44 (1256) 49.38 (1254) 5 (127)</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.