Model VSH
10x12x11½A
Double Suction Split Case Pump

SPECIFICATIONS

FLOW ______ HEAD _______
HP _______ RPM _______
VOLTS _______ PHASE _______
CYCLE _______ 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)

Series VSX

Bell & Gossett

10x12x11½A
1180 RPM

NPSHr (ft) (m)

Total Head (ft) (m)

Capacity (gpm) (l/min)

Date: 5/12/2018
Model VSH 10x12x11½A
Double Suction Split Case Pump

SPECIFICATIONS
FLOW _______ HEAD ________
HP _______ RPM ________
VOLTS ________ CYCLE ________
ENCLOSURE __________ APPROX. WEIGHT __________
SPECIALS ______________

STANDARD MATERIALS OF CONSTRUCTION
☒ Cast Iron Bronze Fitted
☒ Heavy Duty Maintenance Free Bearings
☒ Alignment Friendly Coupling
☒ Heavy Duty Grotoutless 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, 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
10x12x11½A
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SPECIFICATIONS
FLOW ___________ HEAD ___________
HP _____________ RPM ___________
VOLTS __________ CYCLE __________ PHASE __________
ENCLOSURE __________ APPRX. WEIGHT __________
SPECIALS __________

STANDARD MATERIALS OF CONSTRUCTION
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
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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)
Model VSH 10x12x11½A Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<tr>
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<tr>
<td>Suction</td>
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**FLANGES ARE 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

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Removal clearance from end of bracket: 26 inches (660 mm)

**STANDARD COUPLER**

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

Distance to the next available hole.

**DIMENSIONS - INCHES (MM) FOR STANDARD 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>
<th>HF2**</th>
<th>HG</th>
<th>HH</th>
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<td>(891)</td>
<td>38.75</td>
<td>(984)</td>
<td>5</td>
<td>9.13 (232)</td>
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<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>69.15 (1756)</td>
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<td>52.52 (692)</td>
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<td>15.75</td>
<td>8.25</td>
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<td>(891)</td>
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<td>(984)</td>
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<td>9.13 (232)</td>
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<td>52.52 (692)</td>
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<td>15.75</td>
<td>8.25</td>
<td>(159)</td>
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<td>8.25</td>
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</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.
Model VSH 10x12x11½A 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>Discharge 10&quot;</td>
<td>2.125 (54)</td>
<td>17.00 (432)</td>
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<tr>
<td>Suction 12&quot;</td>
<td>2.255 (57)</td>
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**Flanges**
- 125# ANSI - Standard
- 250# ANSI - Available

**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 - 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>
<th>HF2*</th>
<th>HF2**</th>
<th>HG</th>
<th>HH</th>
<th>HM*</th>
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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.*