Model VSH
4x6x10½B
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)

Series VSX
Bell & Gossett
4x6x10½B
1180 RPM

[Graph showing flow and head characteristics]
Model VSH
4x6x10½B
Double Suction Split Case Pump

SPECIFICATIONS

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

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Series VSX

Bell & Gossett
4x6x10½B
1780 RPM

- Head (ft) vs. Capacity (GPM)
- NPSHr vs. Efficiency (%)
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 (264)</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

<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>
<tr>
<td>(197)</td>
<td>(218)</td>
<td>(305)</td>
<td>(305)</td>
<td>(197)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 19 Inches (483 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>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>
</tr>
</thead>
<tbody>
<tr>
<td>184T</td>
<td>29.41 (747)</td>
<td>25 (635)</td>
<td>50 (1270)</td>
<td>47.38 (1203)</td>
<td>19.25 (489)</td>
<td>23.38 (594)</td>
<td>42 (1067)</td>
<td>14 (356)</td>
<td>5.25 (133)</td>
<td>0.88 (22)</td>
<td>25.1 (638)</td>
<td>27.83 (707)</td>
<td>4 (102)</td>
<td>4</td>
<td>7.63 (194)</td>
<td>16.40 (416)</td>
</tr>
<tr>
<td>213T</td>
<td>29.41 (747)</td>
<td>25 (635)</td>
<td>50 (1270)</td>
<td>50.86 (1292)</td>
<td>19.25 (489)</td>
<td>23.38 (594)</td>
<td>42 (1067)</td>
<td>14 (356)</td>
<td>5.25 (133)</td>
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<td>29.41 (747)</td>
<td>25 (635)</td>
<td>57 (1448)</td>
<td>53.43 (1357)</td>
<td>19.25 (489)</td>
<td>23.38 (594)</td>
<td>48 (1219)</td>
<td>16 (406)</td>
<td>5.25 (133)</td>
<td>0.88 (22)</td>
<td>27.07 (688)</td>
<td>27.83 (707)</td>
<td>4.50 (114)</td>
<td>4</td>
<td>7.13 (181)</td>
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<td>256T</td>
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<td>55.18 (1401)</td>
<td>19.25 (489)</td>
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<td>284T/TS</td>
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<td>56.34 (1431)</td>
<td>19.25 (489)</td>
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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.

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 4x6x10½B Centrifugal Pump Submittal

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### SPACER COUPLER

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"Distance to the next available hole.

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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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