Model VSC 8x10x13¼B
Double Suction Split Case Pump

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, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
Model VSC
8x10x13½B
Double Suction Split Case Pump

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)
Model VSC
8x10x13½B
Double Suction Split Case Pump

SPECIFICATIONS

FLOW       HEAD       HP       RPM
VOLTS      ENCLOSURE
CYCLE      PHASE
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, 300 PSIG (20 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, 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
FLANGES ARE 125# ANSI - STANDARD
250# ANSI - AVAILABLE

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

DIMENSIONS IN INCHES (MM)

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.6</td>
<td>(269)</td>
<td>18.25</td>
</tr>
</tbody>
</table>

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

STANDARD COUPLER

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

**Distance to the next available hole.
### FLANGE DIMENSIONS IN INCHES (MM)

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

### FLANGES ARE 125# ANSI - STANDARD

250# ANSI - AVAILABLE

### DIMENSIONS IN INCHES (MM)

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.6</td>
<td>18.25</td>
<td>10.6</td>
</tr>
</tbody>
</table>

(269) (464) (269)

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.

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

** Distance to the next available hole.

| MOTOR FRAME | CP  | HA  | HB  | HC* | HD  | 2HE | HF1 | HF2 | HG  | HH  | HM* | HQ  | HP  | HQ  | HR  | W  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 264T/TS     | 37.9| 31.4| 73  | 74.083|(692)| 27.25| 29.52| 63  | 15.75| 6.25| 0.88| 35.07|(1156)| 45.5 | 5   | 127 | 5  | 20.82 |
| 268T/TS     | 37.9| 31.4| 73  | 75.579|(692)| 27.25| 29.52| 63  | 15.75| 6.25| 0.88| 35.07|(1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 324T/TS     | 37.9| 31.4| 84  | 79.52 | (692)| 27.25| 29.52| 74  | 18.5 | 6.25| 0.88| 36.35|(1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 328T/TS     | 37.9| 31.4| 84  | 81.359|(692)| 27.25| 29.52| 74  | 18.5 | 6.25| 0.88| 37.2 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 364T/TS     | 37.9| 31.4| 84  | 81.359|(692)| 27.25| 29.52| 74  | 18.5 | 6.25| 0.88| 37.2 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 404T/TS     | 37.9| 31.4| 84  | 83.96 | (692)| 27.25| 29.52| 74  | 18.5 | 6.25| 0.88| 37.2 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 408T/TS     | 37.9| 31.4| 84  | 85.96 | (692)| 27.25| 29.52| 74  | 18.5 | 6.25| 0.88| 37.2 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 408T/TS     | 37.9| 31.4| 94  | 93.03 | (692)| 27.25| 29.52| 84  | 18.5 | 6.25| 0.88| 42.77 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 412T/TS     | 37.9| 31.4| 94  | 93.03 | (692)| 27.25| 29.52| 84  | 18.5 | 6.25| 0.88| 42.77 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 416T/TS     | 37.9| 31.4| 94  | 99.51 | (692)| 27.25| 29.52| 84  | 18.5 | 6.25| 0.88| 41.13 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |
| 420T/TS     | 37.9| 31.4| 94  | 100.21|(692)| 27.25| 29.52| 84  | 18.5 | 6.25| 0.88| 41.13 | (1196)| 45.5 | 5   | 127 | 5  | 20.82 |

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.

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

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.
© 2013 Xylem Inc.