Model VSC
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)
Model VSC
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)
Model VSC
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
1780 RPM

Bell & Gossett
Let's Solve Water
Model VSC 4x6x10½B Centrifugal Pump Submittal

**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 (254)</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**

**DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.75</td>
<td>12</td>
<td>7.75</td>
</tr>
<tr>
<td>(197)</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.

**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>
<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</td>
<td>25</td>
<td>50</td>
<td>47.38</td>
<td>19.25</td>
<td>23.38</td>
<td>42</td>
<td>14</td>
<td>5.25</td>
<td>0.88</td>
<td>25.1</td>
<td>31.25</td>
<td>4</td>
<td>194</td>
<td>416</td>
<td></td>
</tr>
<tr>
<td>213T</td>
<td>29.41</td>
<td>25</td>
<td>50</td>
<td>50.86</td>
<td>19.25</td>
<td>23.38</td>
<td>42</td>
<td>14</td>
<td>5.25</td>
<td>0.88</td>
<td>24.97</td>
<td>31.25</td>
<td>4</td>
<td>194</td>
<td>416</td>
<td></td>
</tr>
<tr>
<td>215T</td>
<td>29.41</td>
<td>25</td>
<td>50</td>
<td>50.86</td>
<td>19.25</td>
<td>23.38</td>
<td>42</td>
<td>14</td>
<td>5.25</td>
<td>0.88</td>
<td>27.22</td>
<td>31.25</td>
<td>4</td>
<td>194</td>
<td>416</td>
<td></td>
</tr>
<tr>
<td>254T</td>
<td>29.41</td>
<td>25</td>
<td>57</td>
<td>53.43</td>
<td>19.25</td>
<td>23.38</td>
<td>48</td>
<td>16</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>31.25</td>
<td>4.50</td>
<td>181</td>
<td>416</td>
<td></td>
</tr>
<tr>
<td>256T</td>
<td>29.41</td>
<td>25</td>
<td>57</td>
<td>55.18</td>
<td>19.25</td>
<td>23.38</td>
<td>48</td>
<td>16</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>31.25</td>
<td>4.50</td>
<td>181</td>
<td>416</td>
<td></td>
</tr>
<tr>
<td>284T/TS</td>
<td>29.41</td>
<td>25</td>
<td>57</td>
<td>56.34</td>
<td>19.25</td>
<td>23.38</td>
<td>48</td>
<td>16</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>31.25</td>
<td>4.50</td>
<td>181</td>
<td>416</td>
<td></td>
</tr>
<tr>
<td>286T/TS</td>
<td>29.41</td>
<td>25</td>
<td>57</td>
<td>57.83</td>
<td>19.25</td>
<td>23.38</td>
<td>48</td>
<td>16</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>31.25</td>
<td>4.50</td>
<td>181</td>
<td>416</td>
<td></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.
## 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 (254)</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

### DIMENSIONS IN INCHES (MM)

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.75</td>
<td>12</td>
<td>7.75</td>
</tr>
<tr>
<td>(197)</td>
<td>(305)</td>
<td>(197)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 19 Inches (483 mm)

### SPACER 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</td>
<td>25</td>
<td>67</td>
<td>56.62</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>25.1</td>
<td>638</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</td>
</tr>
<tr>
<td>213T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>60.11</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>24.97</td>
<td>634</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</td>
</tr>
<tr>
<td>215T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>60.11</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>27.22</td>
<td>691</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</td>
</tr>
<tr>
<td>254T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>62.68</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>688</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</td>
</tr>
<tr>
<td>256T</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>64.43</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>688</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</td>
</tr>
<tr>
<td>284T/TS</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>65.59</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>688</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</td>
</tr>
<tr>
<td>286T/TS</td>
<td>29.41</td>
<td>25</td>
<td>67</td>
<td>67.08</td>
<td>19.25</td>
<td>23.38</td>
<td>57</td>
<td>19 (483)</td>
<td>5.25</td>
<td>0.88</td>
<td>27.07</td>
<td>688</td>
<td>31.25</td>
<td>5</td>
<td>4</td>
<td>6.63</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.

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)965-8379
www.bellgossett.com

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