Model VSC
10x12x11½A
Double Suction Split Case Pump

SPECIFICATIONS
FLOW ___________ HEAD ___________
HP ___________ RPM ___________
VOLTS ___________ 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
10x12x11½A
Double Suction Split Case Pump

SPECIFICATIONS
FLOW _______ HEAD _________
HP _________ RPM _________
VOLTS __________ CYCLE ________
ENCLOSURE __________ APPORX. WEIGHT __________
SPECIALS __________

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☑ Cast Iron Bronze Fitted
☑ Heavy Duty Maintenance Free Bearings
☑ Alignment Friendly Coupling
☑ Heavy Duty Grountless 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
10x12x11½A
Double Suction Split Case Pump

SPECIFICATIONS
FLOW ___________ HEAD ___________
HP ___________ RPM ___________
VOLTS ___________ CYCLE ___________ PHASE ___________
ENCLOSURE ___________ APPROX. WEIGHT ___________
SPECIALS ___________

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OPTIONAL MATERIALS OF CONSTRUCTION
☐ Galvanized Drip Pan
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☐ 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)
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Model VSC 10x12x11½A 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 10”</td>
<td>2.125 (54)</td>
<td>17.00 (432)</td>
</tr>
<tr>
<td>Suction 12”</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>S</th>
<th>X</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.82</td>
<td>19</td>
<td>9.82</td>
</tr>
<tr>
<td>(249)</td>
<td>(483)</td>
<td>(249)</td>
</tr>
</tbody>
</table>

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

**STANDARD COUPLER**

1. Motor dimensions are approximate and vary by manufacturer and motor type.
2. Distance to the next available hole.

### MOTOR FRAME

<table>
<thead>
<tr>
<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>
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</thead>
<tbody>
<tr>
<td>286T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>66.329 (1685)</td>
<td>27.25</td>
<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>324T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>69.15 (1756)</td>
<td>27.25</td>
<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>326T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>70.27 (1785)</td>
<td>27.25</td>
<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>364T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>72.109 (1832)</td>
<td>27.25</td>
<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>365T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>72.109 (1832)</td>
<td>27.25</td>
<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>404T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>75.21 (1910)</td>
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<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>405T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>73</td>
<td>77.21 (1961)</td>
<td>27.25</td>
<td>29.52</td>
<td>63</td>
<td>15.75</td>
<td>6.25</td>
<td>0.88</td>
<td>35.07</td>
<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>444T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>84</td>
<td>82.676 (2100)</td>
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<td>0.88</td>
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<td>46.25</td>
<td>5</td>
<td>9.125 (232)</td>
<td>20.82 (529)</td>
</tr>
<tr>
<td>445T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>84</td>
<td>84.28 (2141)</td>
<td>27.25</td>
<td>29.52</td>
<td>74</td>
<td>18.50</td>
<td>6.25</td>
<td>0.88</td>
<td>42.77</td>
<td>46.25</td>
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<td>20.82 (529)</td>
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<tr>
<td>447T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>84</td>
<td>90.76 (2305)</td>
<td>27.25</td>
<td>29.52</td>
<td>74</td>
<td>18.50</td>
<td>6.25</td>
<td>0.88</td>
<td>41.13</td>
<td>46.25</td>
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<td>20.82 (529)</td>
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<tr>
<td>449T/TS</td>
<td>37.9</td>
<td>31.4</td>
<td>84</td>
<td>91.46 (2323)</td>
<td>27.25</td>
<td>29.52</td>
<td>74</td>
<td>18.50</td>
<td>6.25</td>
<td>0.88</td>
<td>41.13</td>
<td>46.25</td>
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<td>20.82 (529)</td>
</tr>
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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.

---

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 VSC 10x12x11½A Centrifugal Pump Submittal

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<td>1.25 (54)</td>
</tr>
<tr>
<td>Suction</td>
<td>12&quot;</td>
<td>2.25 (57)</td>
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FLANGES ARE 125# ANSI - STANDARD
250# ANSI - AVAILABLE

**DIMENSIONS IN INCHES (MM)**

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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.

---

**MOTOR FRAME**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>DIMENSIONS - INCHES (mm) FOR SPACER COUPLER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CP</td>
</tr>
<tr>
<td>286T/TS</td>
<td>37.9 (963)</td>
</tr>
<tr>
<td>324T/TS</td>
<td>37.9 (963)</td>
</tr>
<tr>
<td>326T/TS</td>
<td>37.9 (963)</td>
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<td>37.9 (963)</td>
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<tr>
<td>405T/TS</td>
<td>37.9 (963)</td>
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<td>444T/TS</td>
<td>37.9 (963)</td>
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<td>445T/TS</td>
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<tr>
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<td>37.9 (963)</td>
</tr>
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<td>37.9 (963)</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.

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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