Model VSCS 8x10x10½A
Double Suction Split Case Pump

SPECIFICATIONS

FLOW HEAD

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HEA
Model VSCS 8x10x10½A
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)

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Bell & Gossett
8x10x10½A 1480 RPM

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Series VSX

Let's Solve Water
Model VSCS 8x10x10½A
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)
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## Model VSCS 8x10x10½A 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</td>
<td>8&quot;</td>
<td>1.88 (48)</td>
</tr>
<tr>
<td>Suction</td>
<td>10&quot;</td>
<td>2.13 (54)</td>
</tr>
</tbody>
</table>

### FLANGES ARE 125# ANSI - STANDARD
250# ANSI - AVAILABLE

<table>
<thead>
<tr>
<th>DIMENSIONS IN INCHES (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
</tr>
<tr>
<td>----</td>
</tr>
<tr>
<td>8.97</td>
</tr>
<tr>
<td>(228)</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.

"Dimensions vary due to coupler gap based on horse power.

***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>
<th>HM*</th>
<th>HO</th>
<th>HP</th>
<th>HQ</th>
<th>HR</th>
<th>W</th>
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<tr>
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<td>34.48</td>
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<td>61</td>
<td>58.495</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
<td>38.75</td>
<td>5</td>
<td>3</td>
<td>7.629</td>
<td>18.93</td>
<td></td>
</tr>
<tr>
<td>256T</td>
<td>34.48</td>
<td>23.9</td>
<td>61</td>
<td>58.495</td>
<td>23.25</td>
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<td>5</td>
<td>3</td>
<td>7.629</td>
<td>18.93</td>
<td></td>
</tr>
<tr>
<td>284T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>61</td>
<td>60.245</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
<td>38.75</td>
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<td>5</td>
<td>3</td>
<td>7.629</td>
<td>18.93</td>
<td></td>
</tr>
<tr>
<td>324T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>61</td>
<td>65.725</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
<td>38.75</td>
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<tr>
<td>326T/TS</td>
<td>34.48</td>
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<td>65.725</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
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<td>38.75</td>
<td>5</td>
<td>3</td>
<td>7.629</td>
<td>18.93</td>
<td></td>
</tr>
<tr>
<td>364T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>61</td>
<td>68.845</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
<td>38.75</td>
<td>5</td>
<td>3</td>
<td>7.629</td>
<td>18.93</td>
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<tr>
<td>365T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>61</td>
<td>68.845</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
<td>38.75</td>
<td>5</td>
<td>3</td>
<td>7.629</td>
<td>18.93</td>
<td></td>
</tr>
<tr>
<td>404T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>70</td>
<td>71.785**</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
<td>38.75</td>
<td>5</td>
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<td>7.629</td>
<td>18.93</td>
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<tr>
<td>405T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>70</td>
<td>71.785**</td>
<td>23.25</td>
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<td>95</td>
<td>25.5</td>
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<td>5</td>
<td>4</td>
<td>7.629</td>
<td>18.93</td>
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<tr>
<td>444T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>70</td>
<td>79.251</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
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<td>5</td>
<td>4</td>
<td>7.629</td>
<td>18.93</td>
<td></td>
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<tr>
<td>445T/TS</td>
<td>34.48</td>
<td>23.9</td>
<td>70</td>
<td>80.855</td>
<td>23.25</td>
<td>19.9</td>
<td>95</td>
<td>25.5</td>
<td>1.125</td>
<td>31.07</td>
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<td>5</td>
<td>4</td>
<td>7.629</td>
<td>18.93</td>
<td></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.
Model VSCS 8x10x10½A Centrifugal Pump Submittal

**FLANGE DIMENSIONS IN INCHES (MM)**

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<tr>
<th></th>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge</td>
<td>8&quot;</td>
<td>1.88 (48)</td>
<td>14.75 (375)</td>
</tr>
<tr>
<td>Suction</td>
<td>10&quot;</td>
<td>2.13 (54)</td>
<td>17.00 (432)</td>
</tr>
</tbody>
</table>

FLANGES ARE 125# ANSI - STANDARD
250# ANSI - AVAILABLE

**DIMENSIONS IN INCHES (MM)**

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<thead>
<tr>
<th></th>
<th>S</th>
<th>X</th>
<th>YY</th>
<th>Z</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>8.97</td>
<td>15.5</td>
<td>15.5</td>
<td>8.97</td>
</tr>
<tr>
<td></td>
<td>(228)</td>
<td>(394)</td>
<td>(394)</td>
<td>(228)</td>
</tr>
</tbody>
</table>

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

**SPACER COUPLER**

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

"Dimensions vary due to coupler gap based on horse power.

""Distance to the next available hole.

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>DIMENSIONS - INCHES (mm) FOR SPACER COUPLER***</th>
</tr>
</thead>
<tbody>
<tr>
<td>254T</td>
<td>CP</td>
</tr>
<tr>
<td>256T</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>284T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>286T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>324T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>326T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>364T/TS</td>
<td>34.48 (876)</td>
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<tr>
<td>365T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>404T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>405T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>444T/TS</td>
<td>34.48 (876)</td>
</tr>
<tr>
<td>445T/TS</td>
<td>34.48 (876)</td>
</tr>
</tbody>
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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 or Dodge Paraflex spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.

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Fax: (847)965-8379