Model VSCS
10x12x10½A
Double Suction Split Case Pump

SPECIFICATIONS

FLOW 10x12x10½A
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 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)
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</td>
<td>10&quot;</td>
<td>2.125 (54)</td>
</tr>
<tr>
<td>Suction</td>
<td>12&quot;</td>
<td>2.25 (57)</td>
</tr>
</tbody>
</table>

### STANDARD COUPLER

**FLANGES ARE 125# ANSI - STANDARD**

### DIMENSIONS IN INCHES (MM)

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.82</td>
<td>19</td>
<td>19</td>
<td>9.82</td>
</tr>
</tbody>
</table>

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

**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
10x12x10\frac{1}{2}A
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 VSCS
10x12x10½A
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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Motor dimensions are approximate and vary by manufacturer and motor type.

**Distance to the next available hole.

---

### Model VSCS 10x12x10½A Centrifugal Pump Submittal

#### FLANGE DIMENSIONS IN INCHES (MM)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
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</tr>
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<tbody>
<tr>
<td>Discharge</td>
<td>10&quot;</td>
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</tr>
<tr>
<td>Suction</td>
<td>12&quot;</td>
<td>2.25 (57)</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>YY</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.82</td>
<td>19</td>
<td>19</td>
<td>9.82</td>
</tr>
<tr>
<td>(249)</td>
<td>(483)</td>
<td>(483)</td>
<td>(249)</td>
</tr>
</tbody>
</table>

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

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**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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<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>HF</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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<tbody>
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<td>84</td>
<td>77.579</td>
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<td>35.07</td>
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<td>(232)</td>
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<td>9.125</td>
<td>20.82</td>
<td>(232)</td>
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<tr>
<td>326T/TS</td>
<td>37.9</td>
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<tr>
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<td>31.40</td>
<td>84</td>
<td>83.359</td>
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<td>83.359</td>
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<tr>
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<tr>
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<td>87.96**</td>
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<td>29.52</td>
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<tr>
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<tr>
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<td>6.25</td>
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<td>46.25</td>
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<td>(232)</td>
</tr>
<tr>
<td>447T/TS</td>
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<td>31.40</td>
<td>94</td>
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<td>(232)</td>
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<td>5</td>
<td>9.125</td>
<td>20.82</td>
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[Image of pump and motor drawings]