Model VSCS
12x14x17½B
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, 125 PSIG (8.5 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, 125 PSIG (8.5 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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12x14x17½B
Double Suction Split Case Pump

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- 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 12x14x17½B Centrifugal Pump Submittal

### FLANGE DIMENSIONS IN INCHES (MM)

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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: 34 Inches (864 mm)

### STANDARD COUPLER

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

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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 12x14x17½B Centrifugal Pump Submittal

**Dimensions in Inches (MM)**

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<th>SIZE</th>
<th>THICKNESS</th>
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<tbody>
<tr>
<td>Discharge 12&quot;</td>
<td>2.25 (56)</td>
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<tr>
<td>Suction 14&quot;</td>
<td>2.38 (60)</td>
<td>22.38 (568)</td>
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**Flanges are 125#/ANSI - Standard**

**250#/ANSI - Available**

- **Removal clearance from end of bracket:** 34 inches (864 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>FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC*</th>
<th>HD</th>
<th>2HE</th>
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Units may be build 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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Double Suction Split Case Pump

**SPECIFICATIONS**

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<th>FLOW</th>
<th>HEAD</th>
<th>HP</th>
<th>RPM</th>
<th>VOLTS</th>
<th>CYCLE</th>
<th>PHASE</th>
<th>ENCLOSURE</th>
<th>APPROX. WEIGHT</th>
<th>SPECIALS</th>
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- 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 PSI (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 125 PSI (8.5 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional**: 300 PSI (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 125 PSI (8.5 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
- **Optional**: 300 PSI (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 PSI (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
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- 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, 125 PSIG (8.5 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, 125 PSIG (8.5 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)