Model VSC
8x10x17½B
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, 160 PSIG (10.9 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, 160 PSIG (10.9 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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8x10x17½B
Double Suction Split Case Pump

Specifications:
- Flow: 875 GPM
- Head: 75 ft
- HP: 300 HP
- RPM: 1480 RPM
- Volts: 230 V
- Cycle: Three Phase
- Enclosure: ANSI/OSHA Guard
- Approx. Weight: 2500 lbs
- Specials: Galvanized Drip Pan, Spacer Coupling

Standard Materials of Construction:
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
- Heavy Duty Grouitless Baseplate
- ANSI/OSHA Coupling Guard

ISO 1940-1:2003 Impeller Balance

Optional Materials of Construction:
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- Spacer Coupling

Type of Seal and Working Pressure:
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HP ________  RPM _________
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ENCLOSURE ______
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Model VSC 8x10x17½B 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 8&quot;</td>
<td>1.81 (46)</td>
<td>14.75 (375)</td>
</tr>
<tr>
<td>Suction 10&quot;</td>
<td>2.06 (52)</td>
<td>17 (432)</td>
</tr>
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### FLANGES ARE DRILLED 125# ANSI - STANDARD
250# ANSI - AVAILABLE

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<tr>
<th>S</th>
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<th>Z</th>
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<tr>
<td>12.61</td>
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Removal clearance from end of bracket: 26 inches (660 mm)

### STANDARD COUPLER

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

**Distance to the next available hole.**

### DIMENSIONS - INCHES (mm) FOR PUMPS WITH STANDARD COUPLER

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC</th>
<th>MAX.</th>
<th>HD</th>
<th>2HE</th>
<th>HF1</th>
<th>HF2</th>
<th>HG</th>
<th>HH</th>
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<th>HO</th>
<th>HP</th>
<th>HQ</th>
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<td>41</td>
<td>91</td>
<td>76.829</td>
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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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Fax: (847)965-8379
www.bellgossett.com

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