Model VSC
10x12x17½A
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 Grundless 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)
### Model VSC
10x12x17½A
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

#### 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)

#### OPTIONAL MATERIALS OF CONSTRUCTION
- Galvanized Drip Pan
- Spacer Coupling

---

**Diagram**

Bell & Gossett
10x12x17½ A
1480 RPM

Series VSX

**Graph**

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<td>600</td>
<td>50</td>
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<td>800</td>
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**xylem**
Let's Solve Water
Model VSC
10x12x17½A
Double Suction Split Case Pump

SPECIFICATIONS
FLOW _______ HEAD _______
HP _______ RPM _______
VOLTS _______ PHASE _______
CYCLE _______ ENCLOSEMENT _______
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)
Model VSC 10x12x17½A Centrifugal Pump Submittal

### FLANGE DIMENSIONS IN INCHES (MM)

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<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<td>2.13 (54)</td>
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<tr>
<td>12&quot;</td>
<td>2.25 (57)</td>
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### FLANGES ARE 125# ANSI - STANDARD

### 250# ANSI - AVAILABLE

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Removal clearance from end of bracket: 30 inches (762 mm)

### STANDARD COUPLER

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

Distance to the next available hole.

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

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<th>MOTOR FRAME</th>
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<th>HA</th>
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<th>HF1</th>
<th>HF2*</th>
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<th>HH</th>
<th>HM*</th>
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</table>

Dimensions are subject to change. Not to be used for construction purposes unless certified.

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‡ Submittal dimensions for motor frames above 449 NEMA are specific to ODP U.S. Electric Motors Only.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)965-3700
Fax: (847)965-8379
www.bellgossett.com
**FLANGE DIMENSIONS IN INCHES (MM)**

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<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<td>Suction 12&quot;*</td>
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**FLANGES ARE 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

<table>
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<td>(330)</td>
<td>(559)</td>
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Removal clearance from end of bracket: 30 inches (762 mm)

---

**SPACER COUPLER**

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

**Distance to the next available hole.**

---

**DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>MOTOR FRAME</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
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**DIMENSIONS - INCHES (MM) FOR SPACER COUPLER**

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.

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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.