Model VSH
12x14x22A
Double Suction Split Case Pump

**SPECIFICATIONS**

<table>
<thead>
<tr>
<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>
</tr>
</thead>
</table>

**STANDARD MATERIALS OF CONSTRUCTION**
- Cast Ductile Iron, Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling (Less Than 1500 HP)
- 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, Balanced mechanical seal, EPR/Graphite loaded
  - Silicon Carbide on Graphite loaded
  - 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
  - suction pressure, 0 to 300°F (-18 to 149°C)
Model VSH
12x14x22A
Double Suction Split Case Pump

SPECIFICATIONS

FLOW _______ HEAD _______
HP _______ RPM _______
VOLTS _______ PHASE _______
CYCLE _______ ENCLOSED _______
APPROX. WEIGHT _______

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Series VSX

Bell & Gossett
12x14x22A
1480 RPM

xylem
Let's Solve Water
**Model VSH**
12x14x22A
Double Suction Split Case Pump

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<tbody>
<tr>
<td>HP</td>
<td>RPM</td>
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<tr>
<td>Approx. Weight</td>
<td>Specials</td>
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**STANDARD MATERIALS OF CONSTRUCTION**
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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, Balanced mechanical seal, EPR/Graphite loaded Silicon Carbide on Graphite loaded 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, 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)

---

**Series VSX**

![Graph of Bell & Gossett 12x14x22A 1780 RPM](image)
**FLANGE DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>2.19 (56)</td>
<td>20.25 (5)</td>
</tr>
<tr>
<td>14&quot;</td>
<td>2.31 (59)</td>
<td>22.38 (568)</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>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.18</td>
<td>26</td>
<td>15.18</td>
</tr>
<tr>
<td>(386)</td>
<td>(660)</td>
<td>(386)</td>
</tr>
</tbody>
</table>

Removal clearance from end of bracket: 35 Inches (889 mm)

**STANDARD COUPLER**

Motors weighing over 5,000 lbs. will be shipped separate and unmounted.

---

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

**Distance to the next available hole.**

**US Electric Motors only.

For all customers supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at time of order entry.

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

---

**US Electric Motors Only**

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

***Distance to the next available hole.

****US Electric Motors only.

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### WATER PUMP

**Model VSH 12x14x22A Centrifugal Pump Submittal**

**FLANGE DIMENSIONS IN INCHES (MM)**

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<th>SIZE</th>
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<td>Suction</td>
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**FLANGES ARE 125# ANSI - STANDARD**

250# ANSI - AVAILABLE

### DIMENSIONS IN INCHES (MM)

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<th></th>
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<tr>
<td>15.18</td>
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<td>26</td>
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Removal clearance from end of bracket: 35 inches (889 mm)

**SPACER COUPLER**

Motors weighing over 5,000 lbs. will be shipped separate and unmounted.

### MOTOR FRAME

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<tr>
<th>MO. NO.</th>
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****These dimensions are valid when using the Woods Duraflex (up to 1000HP @ 1780 RPM) or Dodge Paraflex (up to 700HP @ 1780 RPM) spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.
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12x14x22A
Double Suction Split Case Pump

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