Model VSH
16x18x19A
Double Suction Split Case Pump

SPECIFICATIONS

FLOW ________ HEAD ________
HP ________ RPM ________
VOLTS ________ CYCLE ________ PHASE ________
ENCLOSURE ________ APPROX. WEIGHT ________
SPECIALS ________

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
- 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
- 300 PSIG (20 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)
Model VSH 16x18x19A
Double Suction Split Case Pump

Specifications:
- Flow: 16x18x19A
- Head: Double Suction Split Case Pump
- HP: 16x18x19A
- RPM: Double Suction Split Case Pump
- Volts: 16x18x19A
- Cycle: Double Suction Split Case Pump
- Phase: Double Suction Split Case Pump
- Enclosure: Double Suction Split Case Pump
- Approx. Weight: Double Suction Split Case Pump
- Specials: Double Suction Split Case Pump

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 9720-1:2003 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 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)
# Model VSH
## 16x18x19A
### Double Suction Split Case Pump

## Specifications

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<td>RPM</td>
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<td>Enclosure</td>
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<td>Approx. Weight</td>
<td>Specials</td>
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## Standard Materials of Construction
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- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling (Less Than 1500 HP)
- Heavy Duty Groutless Baseplate
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## 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 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)

## Performance Curve

![Series VSX Performance Curve](image-url)
**FLANGE DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>THICKNESS</th>
<th>O.D.</th>
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<tr>
<td>16&quot;</td>
<td>2.44 (62)</td>
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<td>18&quot;</td>
<td>2.57 (65)</td>
<td>27.5 (699)</td>
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**FLANGES ARE 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**

**DIMENSIONS IN INCHES (MM)**

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
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<tr>
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<td>(397)</td>
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</table>

Removal clearance from end of bracket: 41 Inches (1041 mm)

**STANDARD COUPLER**

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

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

**Distance to the next available hole.**

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.

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**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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spacer coupler

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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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16x18x19A
Double Suction Split Case Pump

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![Series VSX 16x18x19A 980 RPM](chart.png)

Bell & Gossett
Let's Solve Water