Model VSCS
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)
Model VSCS
8x10x17½B
Double Suction Split Case Pump

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

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- Heavy Duty Maintenance Free Bearings
- Alignment Friendly Coupling
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Model VSCS
8x10x17½B
Double Suction Split Case Pump

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

STD MATERIALS OF CONSTRUCTION
- Cast Iron Bronze Fitted
- Heavy Duty Maintenance Free Bearings
- Heavy Duty Groutless Baseplate
- ANSI/OSHA Coupling Guard
- ISO 1940-1:2003 Impeller Balance

OPTIONAL MATERIALS OF CONSTRUCTION
- Galvanized Drip Pan
- Spacer Coupling

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**Model VSCS 8x10x17½B Centrifugal Pump Submittal**

**B-867.5B**

**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>Discharge</td>
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</tr>
<tr>
<td>Suction</td>
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<td>2.06 (52)</td>
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**FLANGES ARE DRILLED 125º ANSI - STANDARD 250º ANSI - AVAILABLE**

<table>
<thead>
<tr>
<th>S</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
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<td>(320)</td>
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<td>(533)</td>
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</table>

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</th>
<th>CP</th>
<th>HA</th>
<th>HB</th>
<th>HC</th>
<th>HC¹ MAX.</th>
<th>HD</th>
<th>2HE</th>
<th>HF¹</th>
<th>HF²**</th>
<th>HG</th>
<th>HH</th>
<th>HM² MAX.</th>
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<th>HQ</th>
<th>HR</th>
<th>W</th>
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<tbody>
<tr>
<td>324T/TS</td>
<td>42.12 (1070)</td>
<td>41 (1041)</td>
<td>91 (2311)</td>
<td>73.37 (1864)</td>
<td>29.5 (749)</td>
<td>39.12 (994)</td>
<td>81 (2057)</td>
<td>20.25 (514)</td>
<td>7 (178)</td>
<td>1.13 (29)</td>
<td>38.07 (967)</td>
<td>50.5 (1283)</td>
<td>5</td>
<td>14.75 (375)</td>
<td>23.56 (598)</td>
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<td></td>
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<tr>
<td>326T/TS</td>
<td>42.12 (1070)</td>
<td>41 (1041)</td>
<td>91 (2311)</td>
<td>74.49 (1892)</td>
<td>29.5 (749)</td>
<td>39.12 (994)</td>
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<td>7 (178)</td>
<td>1.13 (29)</td>
<td>38.6 (980)</td>
<td>50.5 (1283)</td>
<td>5</td>
<td>14.75 (375)</td>
<td>23.56 (598)</td>
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<td></td>
</tr>
<tr>
<td>364T/TS</td>
<td>42.12 (1070)</td>
<td>41 (1041)</td>
<td>91 (2311)</td>
<td>76.829 (1951)</td>
<td>29.5 (749)</td>
<td>39.12 (994)</td>
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<td>91 (2311)</td>
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<td>1.13 (29)</td>
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<td>14.75 (375)</td>
<td>23.56 (598)</td>
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<td>91 (2311)</td>
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<td>39.12 (994)</td>
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<td>20.25 (514)</td>
<td>7 (178)</td>
<td>1.13 (29)</td>
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<td>50.5 (1283)</td>
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<td>29.5 (749)</td>
<td>39.12 (994)</td>
<td>81 (2057)</td>
<td>20.25 (514)</td>
<td>7 (178)</td>
<td>1.13 (29)</td>
<td>39.97 (1015)</td>
<td>50.5 (1283)</td>
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<td>14.75 (375)</td>
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<td>20.25 (514)</td>
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Dimensions are subject to change. Not to be used for construction purposes unless certified.

Units may be built with 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.

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

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)966-3700
Fax: (847)966-8379
www.bellgossett.com

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<td>17.40 (441)</td>
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FLANGES ARE DRILLED 125% ANSI - STANDARD

250% ANSI - AVAILABLE

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Removal clearance from end of bracket: 26 Inches (660 mm)

SPACER COUPLER

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

Distance to the next available hole.

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.

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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