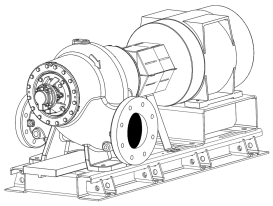
Bell & Gossett
a xylem brand

**SUBMITTAL**

**B-852.6D**

| | | |
|---|---|---|
| **JOB:** | **REPRESENTATIVE:** | |
| **UNIT TAG:** | **ORDER NO.** | **DATE:** |
| **ENGINEER:** | **SUBMITTED BY:** | **DATE:** |
| **CONTRACTOR:** | **APPROVED BY:** | **DATE:** |



# Model VSH 5x6x17½A

## Double Suction Split Case Pump

VSX™ REVOLUTION-X

### 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

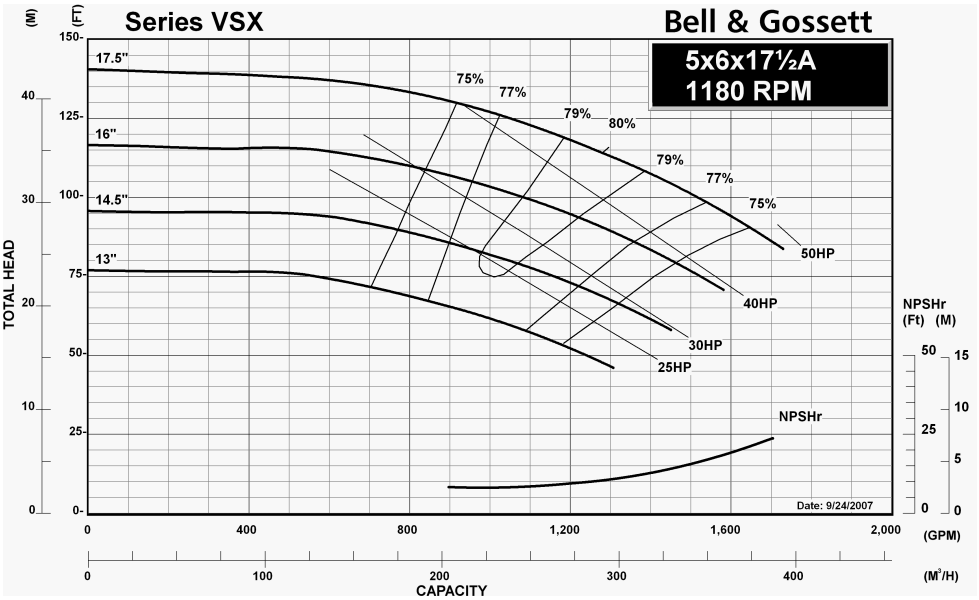
☐ Spacer Coupling

### 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, 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, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 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)



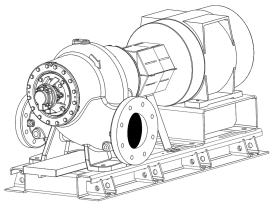

xylem
Let's Solve Water

Bell & Gossett
a xylem brand

**SUBMITTAL**

**B-852.6D**

| | | |
|---|---|---|
| **JOB:** | **REPRESENTATIVE:** | |
| **UNIT TAG:** | **ORDER NO.** | **DATE:** |
| **ENGINEER:** | **SUBMITTED BY:** | **DATE:** |
| **CONTRACTOR:** | **APPROVED BY:** | **DATE:** |



# Model VSH 5x6x17½A

## Double Suction Split Case Pump

VSX™ REVOLUTION-X

### 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

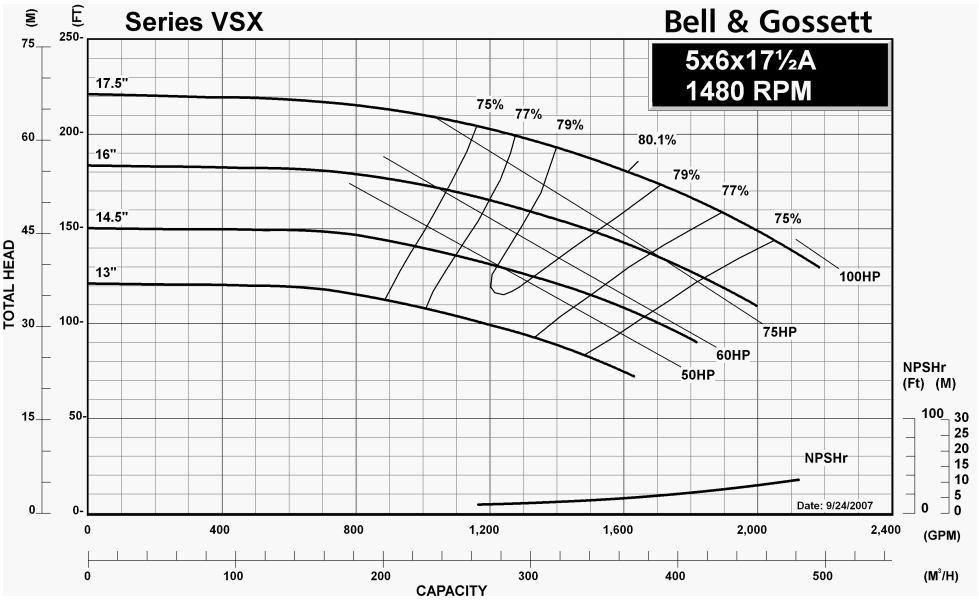
☐ Spacer Coupling

### 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, 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, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 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)



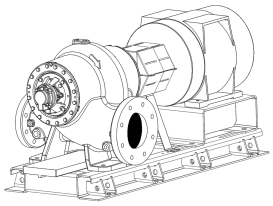

xylem
Let's Solve Water

Bell & Gossett
a xylem brand

**SUBMITTAL**

**B-852.6D**

| | | |
|---|---|---|
| **JOB:** | **REPRESENTATIVE:** | |
| **UNIT TAG:** | **ORDER NO.** | **DATE:** |
| **ENGINEER:** | **SUBMITTED BY:** | **DATE:** |
| **CONTRACTOR:** | **APPROVED BY:** | **DATE:** |



# Model VSH 5x6x17½A

## Double Suction Split Case Pump

VSX™ REVOLUTION-X

### 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

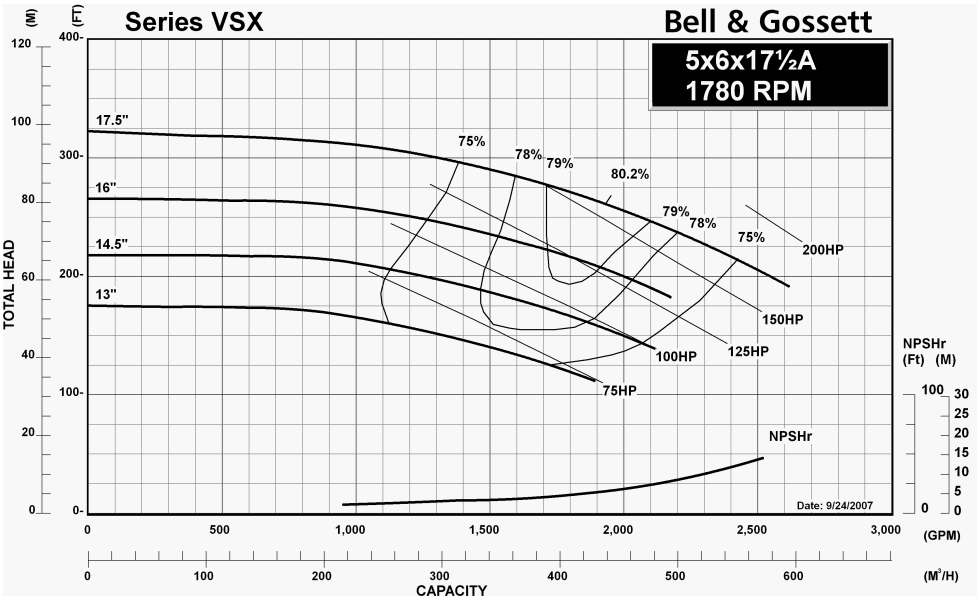
☐ Spacer Coupling

### TYPE OF SEAL AND WORKING PRESSURE

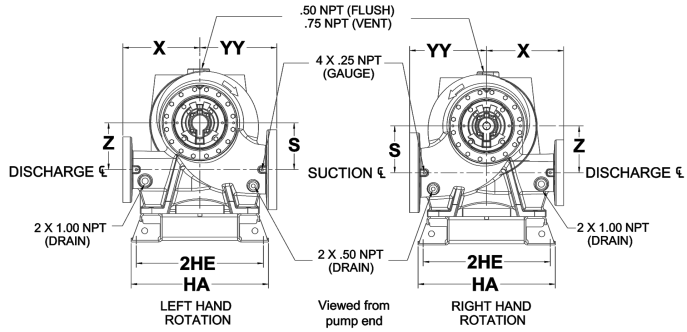
☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 175 PSIG (12 BAR) max. suction pressure, 0 to 300°F (-18 to 149°C)

☐ **Optional:** 300 PSIG (20 BAR) max. working pressure, flat face flanges, 250# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 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)

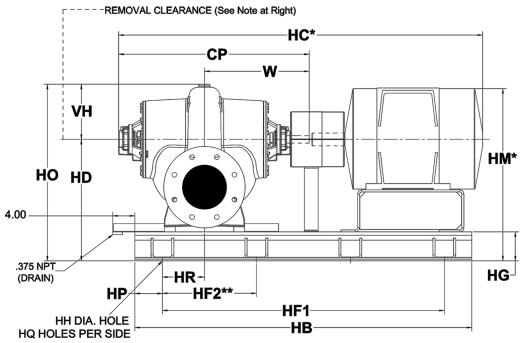



xylem
Let's Solve Water




| FLANGE DIMENSIONS IN INCHES (MM) | | | |
|---|---|---|---|
| | SIZE | THICKNESS | O.D. |
| Discharge | 5" | 1.56 (40) | 10.75 (273 |
| Suction | 6" | 1.63 (41) | 12.13 (308) |

**FLANGES ARE DRILLED 125# ANSI - STANDARD**
**250# ANSI - AVAILABLE**




| DIMENSIONS IN INCHES (MM) | | | | |
|---|---|---|---|---|
| S | X | YY | Z | VH |
| 10.9 (277) | 18 (457) | 18 (457) | 10.9 (277) | 12.63 (321) |

Removal clearance from end of bracket: 24 Inches (610 mm)

## STANDARD COUPLER

*Motor dimensions are approximate and vary by manufacturer and motor type.
**Distance to the next available hole.

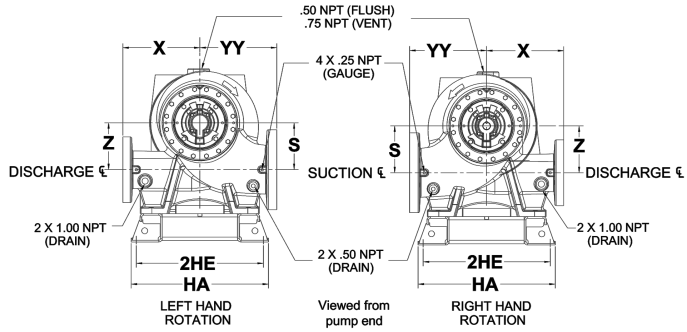
| MOTOR FRAME | DIMENSIONS - INCHES (mm) FOR PUMPS WITH STANDARD COUPLERS | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CP | HA | HB | HC* MAX. | HD | 2HE | $HF_1$ | $HF_2$** | HG | HH | HM* MAX. | HO | HP | HQ | HR | W |
| 254T | 34.48 (876) | 25.4 (645) | 61 (1549) | 58.5 (1486) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 256T | 34.48 (876) | 25.4 (645) | 61 (1549) | 60.25 (1530) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 284T/TS | 34.48 (876) | 25.4 (645) | 61 (1549) | 61.413 (1560) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 286T/TS | 34.48 (876) | 25.4 (645) | 61 (1549) | 62.909 (1598) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 324T/TS | 34.48 (876) | 25.4 (645) | 61 (1549) | 65.73 (1670) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 31.82 (808) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 326T/TS | 34.48 (876) | 25.4 (645) | 61 (1549) | 66.85 (1698) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 32.35 (822) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 364T/TS | 34.48 (876) | 25.4 (645) | 61 (1549) | 68.689 (1698) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 33.2 (843) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 365T/TS | 34.48 (876) | 25.4 (645) | 61 (1549) | 68.689 (1698) | 23.25 (591) | 23.52 (597) | 51 (1295) | 17 (432) | 5.25 (133) | 0.88 (22) | 33.2 (843) | 35.88 (911) | 5 (127) | 4 | 7.63 (194) | 18.93 (481) |
| 404T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 71.79 (1823) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 33.72 (856) | 35.88 (911) | 5 (127) | 5 | 7.63 (194) | 18.93 (481) |
| 405T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 73.79 (1874) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 33.72 (856) | 35.88 (911) | 5 (127) | 5 | 7.63 (194) | 18.93 (481) |
| 444T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 79.256 (2013) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 38.77 (985) | 35.88 (911) | 5 (127) | 5 | 7.63 (194) | 18.93 (481) |
| 445T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 80.86 (2054) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 38.77 (985) | 35.88 (911) | 5 (127) | 5 | 7.63 (194) | 18.93 (481) |
| 447T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 87.34 (2054) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 37.13 (985) | 35.88 (911) | 5 (127) | 5 | 8.63 (219) | 18.93 (481) |
| 449T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 88.04 (2236) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 37.13 (985) | 35.88 (911) | 5 (127) | 5 | 8.63 (219) | 18.93 (481) |

**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.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379

xylem
Let's Solve Water

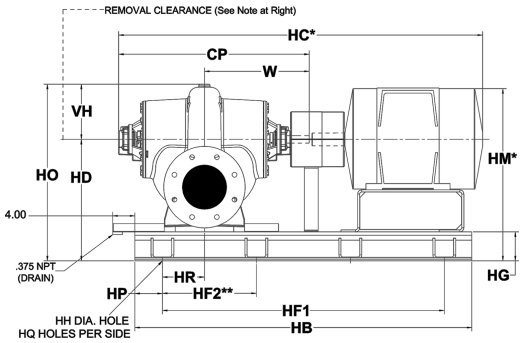
www.bellgossett.com




| FLANGE DIMENSIONS IN INCHES (MM) | | | |
|---|---|---|---|
| | SIZE | THICKNESS | O.D. |
| Discharge | 5" | 1.56 (40) | 10.75 (273 |
| Suction | 6" | 1.63 (41) | 12.13 (308) |

**FLANGES ARE DRILLED 125# ANSI - STANDARD**

**250# ANSI - AVAILABLE**




| DIMENSIONS IN INCHES (MM) | | | | |
|---|---|---|---|---|
| S | X | YY | Z | VH |
| 10.9 (277) | 18 (457) | 18 (457) | 10.9 (277) | 12.63 (321) |

Removal clearance from end of bracket: 24 Inches (610 mm)

## SPACER COUPLER

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

**Distance to the next available hole.

| MOTOR FRAME | DIMENSIONS - INCHES (mm) FOR PUMPS WITH SPACER COUPLER | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CP | HA | HB | HC* MAX. | HD | 2HE | $HF_1$ | $HF_2$** | HG | HH | HM* MAX. | HO | HP | HQ | HR | W |
| 254T | 34.48 (876) | 25.4 (645) | 70 (1778) | 67.75 (1721) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 5 | 7.62 (194) | 18.93 (481) |
| 256T | 34.48 (876) | 25.4 (645) | 70 (1778) | 69.5 (1765) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 5 | 7.62 (194) | 18.93 (481) |
| 284T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 70.663 (1795) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 5 | 7.62 (194) | 18.93 (481) |
| 286T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 72.159 (1833) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 31.07 (789) | 35.88 (911) | 5 (127) | 5 | 7.62 (194) | 18.93 (481) |
| 324T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 74.98 (1904) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 31.82 (808) | 35.88 (911) | 5 (127) | 5 | 7.62 (194) | 18.93 (481) |
| 326T/TS | 34.48 (876) | 25.4 (645) | 70 (1778) | 76.1 (1933) | 23.25 (591) | 23.52 (597) | 60 (1524) | 15 (381) | 5.25 (133) | 0.88 (22) | 32.35 (822) | 35.88 (911) | 5 (127) | 5 | 7.62 (194) | 18.93 (481) |
| 364T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 77.939 (1980) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 33.2 (843) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 365T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 77.939 (1980) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 33.2 (843) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 404T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 80.54 (2046) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 33.72 (856) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 405T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 82.54 (2097) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 33.72 (856) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 444T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 88.006 (2235) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 38.77 (985) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 445T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 89.61 (2276) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 38.77 (985) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 447T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 96.09 (2441) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 37.13 (985) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |
| 449T/TS | 34.48 (876) | 25.4 (645) | 80 (2032) | 96.79 (2458) | 23.25 (591) | 23.52 (597) | 72 (1829) | 18 (457) | 5.25 (133) | 0.88 (22) | 37.13 (985) | 35.88 (911) | 4 (102) | 5 | 8.63 (219) | 18.93 (481) |

**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 coupling option. For dimensions on the Falk Steelflex coupling options, consult factory for a special submittal drawing.

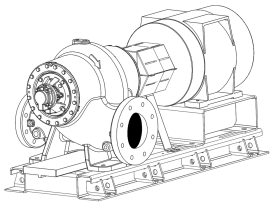
Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

Bell & Gossett
a xylem brand

**SUBMITTAL**

**B-852.6D**

| | | |
|---|---|---|
| **JOB:** | **REPRESENTATIVE:** | |
| **UNIT TAG:** | **ORDER NO.** | **DATE:** |
| **ENGINEER:** | **SUBMITTED BY:** | **DATE:** |
| **CONTRACTOR:** | **APPROVED BY:** | **DATE:** |



# Model VSH 5x6x17½A

## Double Suction Split Case Pump

VSX™ REVOLUTION-X

### 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, 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, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 200 PSIG (13.7 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)