

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

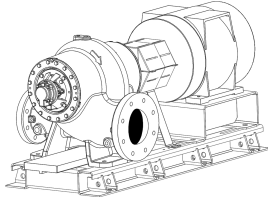
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## Model VSH 6x8x13<sup>1</sup>/<sub>2</sub>B Double Suction Split Case Pump



### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

### STANDARD MATERIALS OF CONSTRUCTION

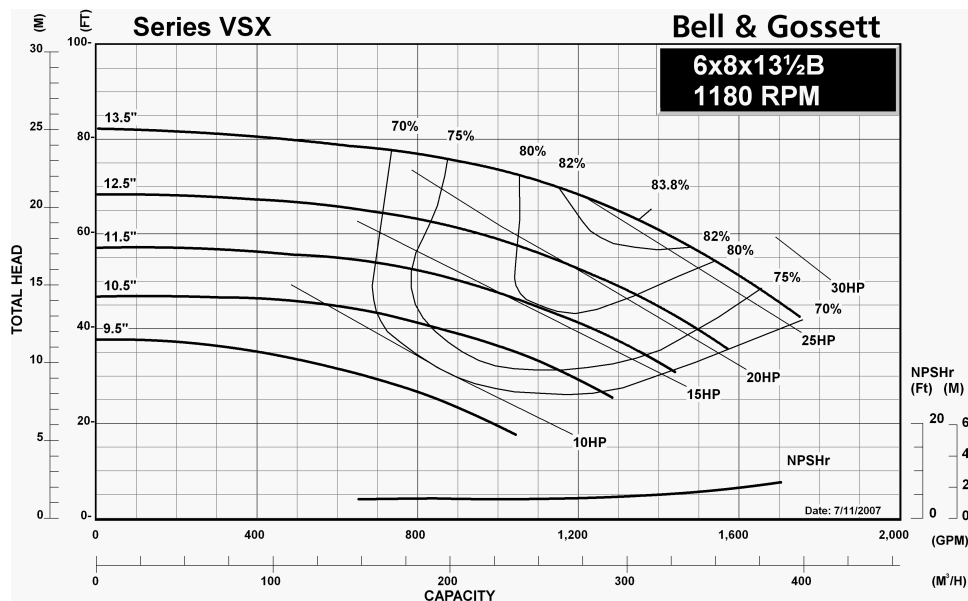
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

### 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, 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)



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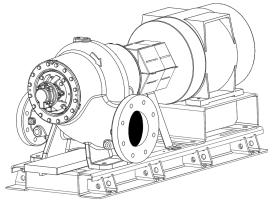
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APPROVED BY:

DATE:



## Model VSH 6x8x13<sup>1</sup>/<sub>2</sub>B Double Suction Split Case Pump



### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

### STANDARD MATERIALS OF CONSTRUCTION

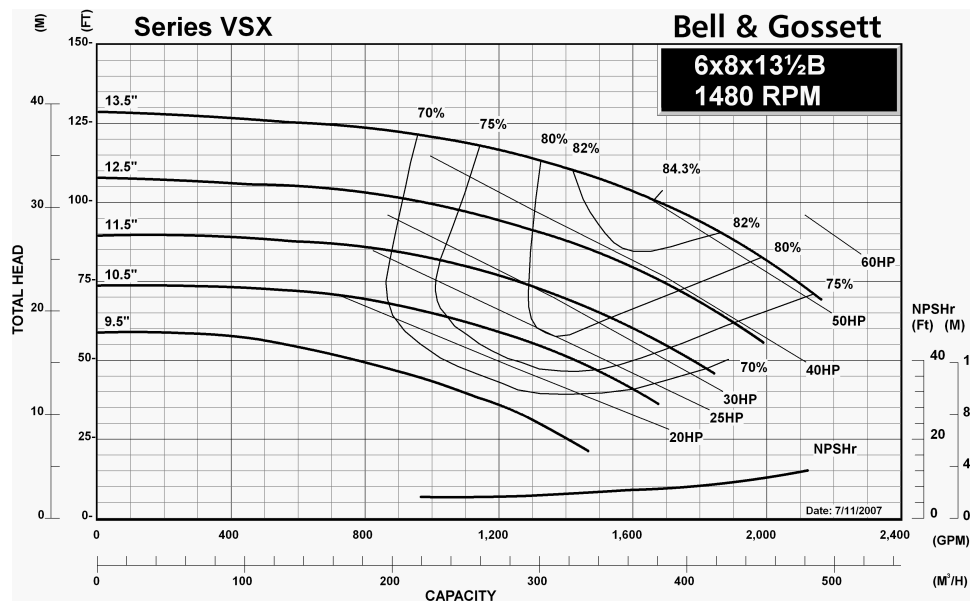
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

### 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, 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)



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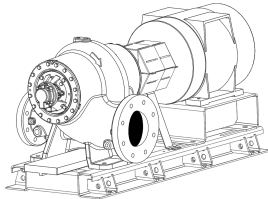
SUBMITTED BY:

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CONTRACTOR:

APPROVED BY:

DATE:



# Model VSH 6x8x13<sup>1</sup>/<sub>2</sub>B Double Suction Split Case Pump



## SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

## STANDARD MATERIALS OF CONSTRUCTION

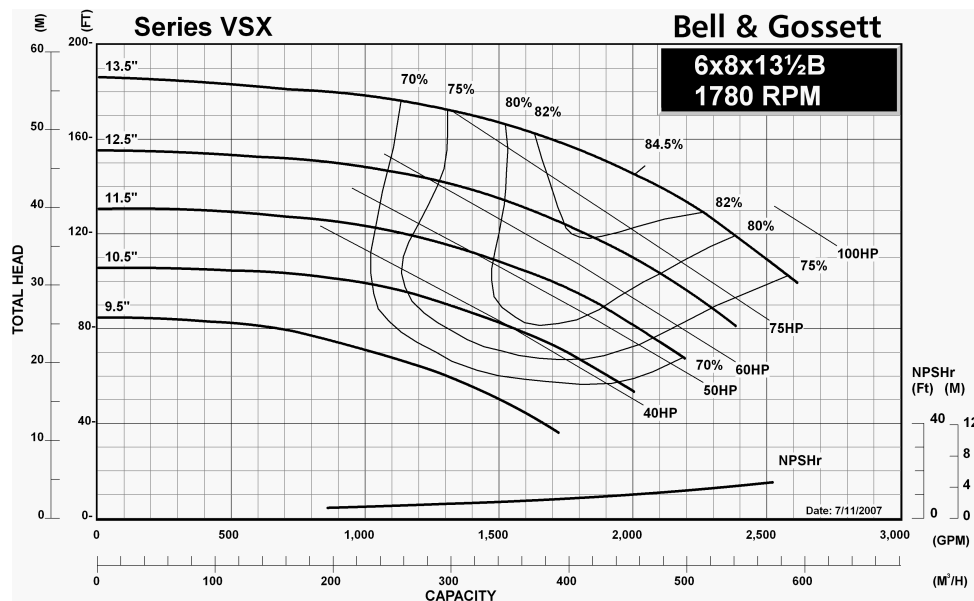
- ☒ Cast Iron Bronze Fitted
- ☒ Heavy Duty Maintenance Free Bearings
- ☒ Alignment Friendly Coupling
- ☒ Heavy Duty Groutless Baseplate
- ☒ ANSI/OSHA Coupling Guard
- ☒ ISO 1940-1:2003 Impeller Balance

## OPTIONAL MATERIALS OF CONSTRUCTION

- ☐ Galvanized Drip Pan
- ☐ Spacer Coupling

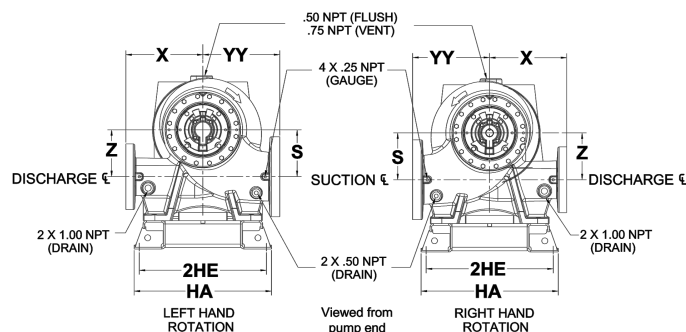
## TYPE OF SEAL AND WORKING PRESSURE

- ☐ **Standard:** 175 PSIG (12 BAR) max. working pressure, flat face flanges, 125# ANSI flange drilling, Unitized mechanical seal, EPR/Carbon/Silicon Carbide, 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)



# Model VSH 6x8x13½B Centrifugal Pump Submittal

B-854.6C



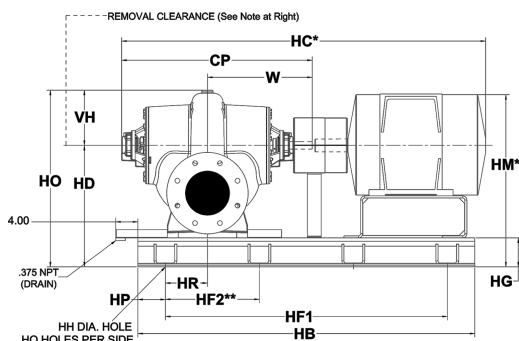
| FLANGE DIMENSIONS IN INCHES (MM) |      |           |             |
|----------------------------------|------|-----------|-------------|
|                                  | SIZE | THICKNESS | O.D.        |
| Discharge                        | 6"   | 1.69 (43) | 12.13 (308) |
| Suction                          | 8"   | 1.88 (48) | 14.75 (375) |

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

| DIMENSIONS IN INCHES (MM) |             |             |             |               |
|---------------------------|-------------|-------------|-------------|---------------|
| S                         | VH          | X           | YY          | Z             |
| 9.21<br>(234)             | 11<br>(279) | 17<br>(432) | 17<br>(432) | 9.21<br>(234) |

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 STANDARD COUPLER |               |              |                 |                |                |                 |                    |               |              |                |                |            |    |               |                |
|-------------|-----------------------------------------------|---------------|--------------|-----------------|----------------|----------------|-----------------|--------------------|---------------|--------------|----------------|----------------|------------|----|---------------|----------------|
|             | CP                                            | HA            | HB           | HC*             | HD             | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> ** | HG            | HH           | HM*            | HO             | HP         | HQ | HR            | W              |
| 256T        | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 60.25<br>(1530) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 31.07<br>(789) | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 284T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 61.41<br>(1560) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 31.07<br>(789) | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 286T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 62.90<br>(1598) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 31.07<br>(789) | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 324T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 65.73<br>(1669) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 31.82<br>(808) | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 326T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 66.85<br>(1698) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 32.35<br>(822) | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 364T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 68.68<br>(1745) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 33.2<br>(843)  | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 365T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 61<br>(1549) | 68.68<br>(1745) | 23.25<br>(591) | 23.52<br>(597) | 51<br>(1295)    | 17<br>(432)        | 5.25<br>(133) | 0.88<br>(29) | 33.2<br>(843)  | 34.25<br>(870) | 5<br>(127) | 4  | 7.63<br>(194) | 18.93<br>(481) |
| 404T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 70<br>(1778) | 71.79<br>(1823) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(29) | 33.72<br>(856) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 405T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 70<br>(1778) | 73.79<br>(1874) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(382)        | 5.25<br>(133) | 0.88<br>(29) | 33.72<br>(856) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 444T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 70<br>(1778) | 79.25<br>(2013) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(29) | 38.77<br>(985) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 445T/TS     | 34.48<br>(876)                                | 25.4<br>(645) | 70<br>(1778) | 80.86<br>(2054) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(29) | 38.77<br>(985) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |

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

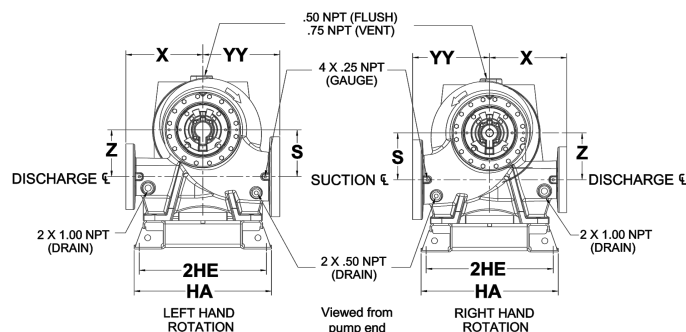
Units may be built where foot/feet overhang the motor mounting platform. If overhang is unacceptable, consult factory for a custom submittal, quotation and/or lead time. A certified motor drawing will be required.

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

**xylem**  
Let's Solve Water

# Model VSH 6x8x13½B Centrifugal Pump Submittal

B-854.6C



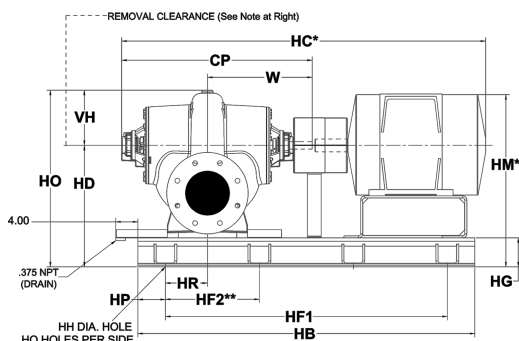
| FLANGE DIMENSIONS IN INCHES (MM) |      |           |             |
|----------------------------------|------|-----------|-------------|
|                                  | SIZE | THICKNESS | O.D.        |
| Discharge                        | 6"   | 1.69 (43) | 12.13 (308) |
| Suction                          | 8"   | 1.88 (48) | 14.75 (375) |

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

| DIMENSIONS IN INCHES (MM) |             |             |             |               |
|---------------------------|-------------|-------------|-------------|---------------|
| S                         | VH          | X           | YY          | Z             |
| 9.21<br>(234)             | 11<br>(279) | 17<br>(432) | 17<br>(432) | 9.21<br>(234) |

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 SPACER COUPLER |               |              |                 |                |                |                 |                    |               |              |                |                |            |    |               |                |
|-------------|---------------------------------------------|---------------|--------------|-----------------|----------------|----------------|-----------------|--------------------|---------------|--------------|----------------|----------------|------------|----|---------------|----------------|
|             | CP                                          | HA            | HB           | HC*             | HD             | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> ** | HG            | HH           | HM*            | HO             | HP         | HQ | HR            | W              |
| 256T        | 34.48<br>(876)                              | 25.4<br>(645) | 70<br>(1778) | 69.50<br>(1765) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(22) | 31.07<br>(789) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 284T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 70<br>(1778) | 70.66<br>(1795) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(22) | 31.07<br>(789) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 286T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 70<br>(1778) | 72.15<br>(1833) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(22) | 31.07<br>(789) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 324T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 70<br>(1778) | 74.98<br>(1904) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(22) | 31.82<br>(808) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 326T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 70<br>(1778) | 76.10<br>(1933) | 23.25<br>(591) | 23.52<br>(597) | 60<br>(1524)    | 15<br>(381)        | 5.25<br>(133) | 0.88<br>(22) | 32.35<br>(822) | 34.25<br>(870) | 5<br>(127) | 5  | 7.62<br>(194) | 18.93<br>(481) |
| 364T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 80<br>(2032) | 77.93<br>(1980) | 23.25<br>(591) | 23.52<br>(597) | 72<br>(1829)    | 18<br>(457)        | 5.25<br>(133) | 0.88<br>(22) | 33.2<br>(843)  | 34.25<br>(870) | 4<br>(102) | 5  | 8.63<br>(219) | 18.93<br>(481) |
| 365T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 80<br>(2032) | 77.93<br>(1980) | 23.25<br>(591) | 23.52<br>(597) | 72<br>(1829)    | 18<br>(457)        | 5.25<br>(133) | 0.88<br>(22) | 33.2<br>(843)  | 34.25<br>(870) | 4<br>(102) | 5  | 8.63<br>(219) | 18.93<br>(481) |
| 404T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 80<br>(2032) | 80.54<br>(2046) | 23.25<br>(591) | 23.52<br>(597) | 72<br>(1829)    | 18<br>(457)        | 5.25<br>(133) | 0.88<br>(22) | 33.72<br>(856) | 34.25<br>(870) | 4<br>(102) | 5  | 8.63<br>(219) | 18.93<br>(481) |
| 405T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 80<br>(2032) | 82.54<br>(2096) | 23.25<br>(591) | 23.52<br>(597) | 72<br>(1829)    | 18<br>(457)        | 5.25<br>(133) | 0.88<br>(22) | 33.72<br>(856) | 34.25<br>(870) | 4<br>(102) | 5  | 8.63<br>(219) | 18.93<br>(481) |
| 444T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 80<br>(2032) | 88.00<br>(2235) | 23.25<br>(591) | 23.52<br>(597) | 72<br>(1829)    | 18<br>(457)        | 5.25<br>(133) | 0.88<br>(22) | 38.77<br>(985) | 34.25<br>(870) | 4<br>(102) | 5  | 8.63<br>(219) | 18.93<br>(481) |
| 445T/TS     | 34.48<br>(876)                              | 25.4<br>(645) | 80<br>(2032) | 89.61<br>(2276) | 23.25<br>(591) | 23.52<br>(597) | 72<br>(1829)    | 18<br>(457)        | 5.25<br>(133) | 0.88<br>(22) | 38.77<br>(985) | 34.25<br>(870) | 4<br>(102) | 5  | 8.63<br>(219) | 18.93<br>(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 spacer coupling option. For dimensions on Falk SteelFlex coupling options, consult factory for a special submittal drawing.

