

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

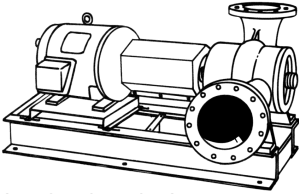
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 5x6x12B

### VSCS Centrifugal Pumps

#### Base Mounted - Double suction

#### SPECIFICATIONS

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

#### MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

#### FEATURES

- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

#### TYPE OF SEAL

**Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.**  
std. flush(-F)

- ☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure,  
Temp. range: -20 to 250 °F (-29 to 121 °C).
- ☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225 °F (-29 to 107 °C).

**Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.**

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure  
Temp. range: -20 to 250 °F (-29 to 121 °C).

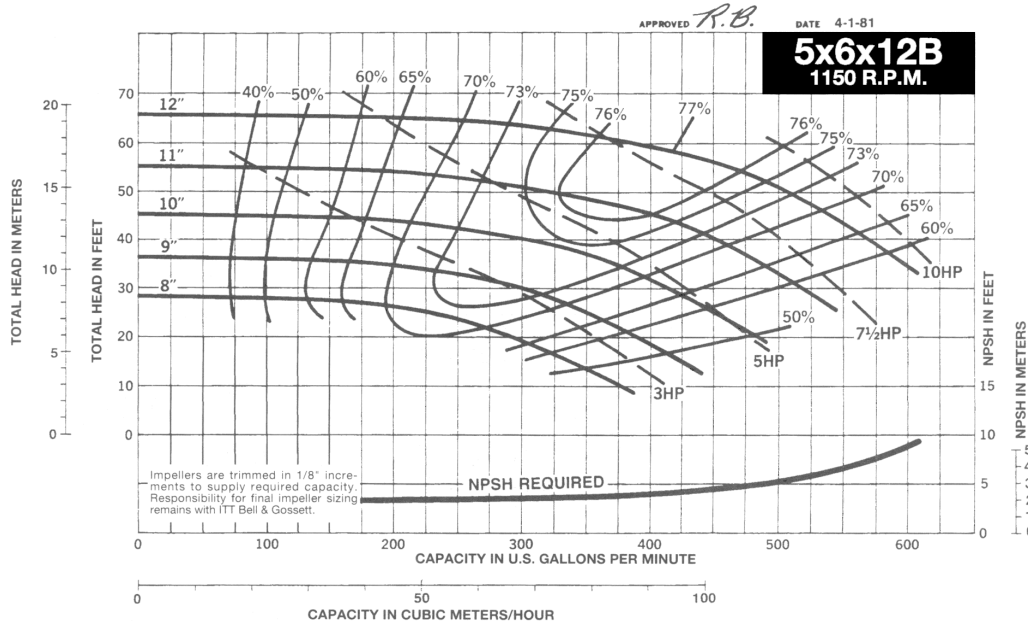
**Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).
- ☐ Optional: -PF Configuration  
Packing (Non-Asbestos)

**Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 300 PSIG (20 Bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).

\*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.



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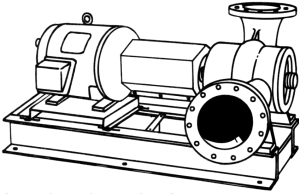
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## 5x6x12B

### VSCS Centrifugal Pumps

#### Base Mounted - Double suction

#### SPECIFICATIONS

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

#### MATERIALS OF CONSTRUCTION

☒ BRONZE FITTED

#### FEATURES

- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

#### TYPE OF SEAL

**Standard Seal Construction, 175 PSIG (12 Bar) working pressure, 125# ANSI flanges.**  
std. flush(-F)

- ☐ ☐ Standard: Crane Type 21, Buna/Carbon-Ceramic, 90 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 21, EPR/Carbon-Tungsten 90 psig (6 bar) max. suction pressure,  
Temp. range: -20 to 250 °F (-29 to 121 °C).
- ☐ ☐ Optional: Crane Type 2, Buna/Carbon-Ceramic, 175 psig (6 bar) max. suction pressure  
Temp. range: -20 to 225 °F (-29 to 107 °C).

**Standard Seal Construction, 300 PSIG (20 Bar) working pressure, 250# ANSI flanges.**

- ☐ ☐ Standard: Crane Type 2, Buna/Carbon-Ceramic, 180 psig (12 bar) max. suction pressure  
Temp. range: -20 to 225°F (-29 to 107 °C).
- ☐ ☐ Optional: Crane Type 2, EPR/Carbon-Tungsten, 240 psig (16 bar) max. suction pressure  
Temp. range: -20 to 250 °F (-29 to 121 °C).

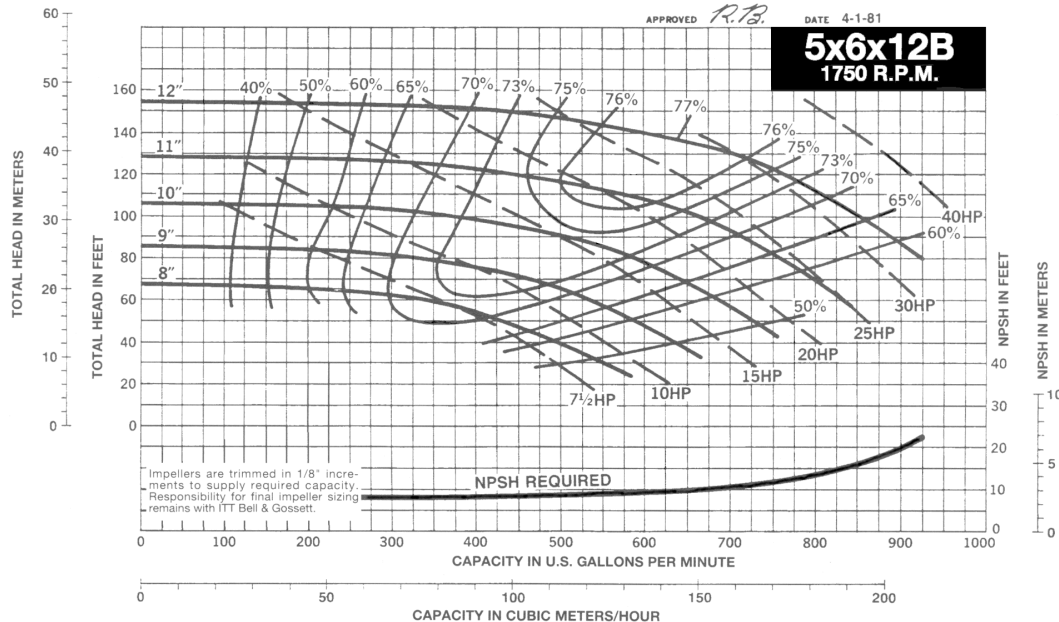
**Stuffing Box Construction, 175 PSIG (12 Bar) working press., 125# ANSI flanges. External flush to seal.**

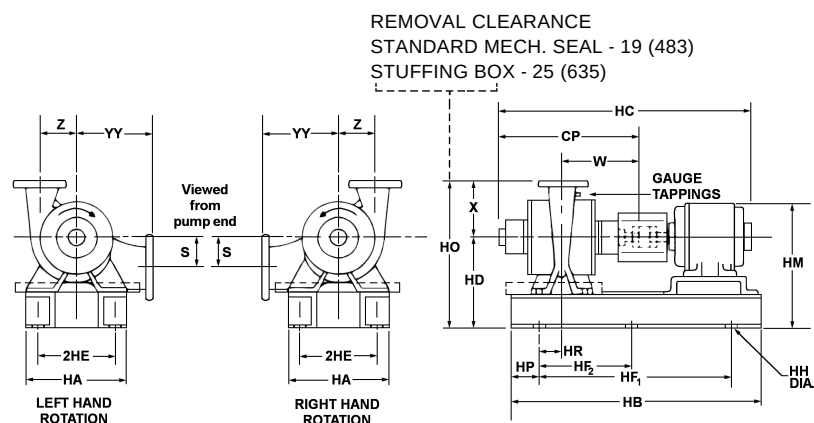
- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 175 psig (12 bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).
- ☐ Optional: -PF Configuration  
Packing (Non-Asbestos)

**Stuffing Box Construction, 300 PSIG (20 Bar) working press., 250# ANSI flanges. External flush to seal.**

- ☐ Standard: -S Configuration, Durametallic RO, EPR/Carbon-Tungsten, 300 PSIG (20 Bar) max. suction  
pressure, Temp. range: -20 to 300 °F\* (-29 to 149 °C).

\*For operating temperatures above 250°F, a cooled flush is required. On closed systems, cooling is accomplished by inserting the brazed place heat exchanger kit in the flush line to cool the fluid.





RIGHT HAND ROTATION IS FURNISHED UNLESS OTHERWISE SPECIFIED.

NOTE: EPDM COUPLINGS ARE STANDARD ON PUMPS WITH MOTOR FRAME SIZES THRU 324T.

| FLANGE DIMENSIONS IN INCHES (MM) |          |             |              |
|----------------------------------|----------|-------------|--------------|
|                                  | SIZE     | THICKNESS   | O.D.         |
| Discharge                        | 5" (127) | 1-3/8 (35)  | 10-3/4 (273) |
| Suction                          | 6" (152) | 1-7/16 (37) | 12-1/8 (308) |

#### DIMENSIONS - Inches (mm)

#### STANDARD SEAL VSCS, VSCS-F

| MOTOR<br>FRAME | DIMENSIONS - INCHES (MM) |                 |                  |                  |                 |             |                   |                 |             |                 |                 |            |           |           |                 |                 |                 |            |
|----------------|--------------------------|-----------------|------------------|------------------|-----------------|-------------|-------------------|-----------------|-------------|-----------------|-----------------|------------|-----------|-----------|-----------------|-----------------|-----------------|------------|
|                | CP                       | HA              | HB               | HC<br>MAX.       | HD              | 2HE         | HF <sub>1</sub>   | HF <sub>2</sub> | HH          | HM<br>MAX.      | HO              | HP         | HR        | S         | W               | X               | YY              | Z          |
| 213T           | 19<br>(483)              | 19-1/2<br>(495) | 38-1/4<br>(972)  | 41-7/8<br>(1064) | 13-1/4<br>(337) | 17<br>(432) | 30-1/4<br>(768)   | 15-1/8<br>(384) | 7/8<br>(22) | 19-1/8<br>(486) | 24-3/4<br>(629) | 4<br>(102) | 2<br>(51) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 215T           | 19<br>(483)              | 19-1/2<br>(495) | 38-1/4<br>(972)  | 43-3/8<br>(1102) | 13-1/4<br>(337) | 17<br>(432) | 30-1/4<br>(768)   | 15-1/8<br>(384) | 7/8<br>(22) | 19-1/8<br>(486) | 24-3/4<br>(629) | 4<br>(102) | 2<br>(51) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 254T           | 19<br>(483)              | 19-1/2<br>(495) | 43-3/8<br>(1102) | 48-1/8<br>(1222) | 13-1/4<br>(337) | 17<br>(432) | 35-3/8<br>(899)   | 17-5/8<br>(448) | 7/8<br>(22) | 20-1/8<br>(511) | 24-3/4<br>(629) | 4<br>(102) | 2<br>(51) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 256T           | 19<br>(483)              | 19-1/2<br>(495) | 43-3/8<br>(1102) | 49-7/8<br>(1267) | 13-1/4<br>(337) | 17<br>(432) | 35-3/8<br>(899)   | 17-5/8<br>(448) | 7/8<br>(22) | 20-1/8<br>(511) | 24-3/4<br>(629) | 4<br>(102) | 2<br>(51) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 284T           | 19<br>(483)              | 19-1/2<br>(495) | 49-5/8<br>(1260) | 50-5/8<br>(1286) | 13-1/4<br>(337) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 21-1/4<br>(540) | 24-3/4<br>(629) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 286T           | 19<br>(483)              | 19-1/2<br>(495) | 49-5/8<br>(1260) | 52-1/8<br>(1324) | 13-1/4<br>(337) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 21-1/4<br>(540) | 24-3/4<br>(629) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 324T           | 19<br>(483)              | 19-1/2<br>(495) | 49-5/8<br>(1260) | 54-1/8<br>(1375) | 14-1/4<br>(362) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 23-3/8<br>(594) | 25-3/4<br>(654) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 10-3/4<br>(273) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |

#### STUFFING BOX VSCS-PF, VSCS-S, VSCS-D

| MOTOR<br>FRAME | DIMENSIONS - INCHES (MM) |                 |                  |                  |                 |             |                   |                 |             |                 |                 |            |           |           |                 |                 |                 |            |
|----------------|--------------------------|-----------------|------------------|------------------|-----------------|-------------|-------------------|-----------------|-------------|-----------------|-----------------|------------|-----------|-----------|-----------------|-----------------|-----------------|------------|
|                | CP                       | HA              | HB               | HC<br>MAX.       | HD              | 2HE         | HF <sub>1</sub>   | HF <sub>2</sub> | HH          | HM<br>MAX.      | HO              | HP         | HR        | S         | W               | X               | YY              | Z          |
| 213T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 43-3/8<br>(1102) | 48-1/8<br>(1222) | 13-1/4<br>(337) | 17<br>(432) | 35-3/8<br>(899)   | 17-5/8<br>(448) | 7/8<br>(22) | 19-1/8<br>(486) | 24-3/4<br>(629) | 4<br>(102) | 2<br>(51) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 215T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 43-3/8<br>(1102) | 49-5/8<br>(1260) | 13-1/4<br>(337) | 17<br>(432) | 35-3/8<br>(899)   | 17-5/8<br>(448) | 7/8<br>(22) | 19-1/8<br>(486) | 24-3/4<br>(629) | 4<br>(102) | 2<br>(51) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 254T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 49-5/8<br>(1260) | 54-3/8<br>(1381) | 13-1/4<br>(337) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 20-1/8<br>(511) | 24-3/4<br>(629) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 256T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 49-5/8<br>(1260) | 56-1/8<br>(1426) | 13-1/4<br>(337) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 20-1/8<br>(511) | 24-3/4<br>(629) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 284T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 49-5/8<br>(1260) | 56-7/8<br>(1445) | 13-1/4<br>(337) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 21-1/4<br>(540) | 24-3/4<br>(629) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 286T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 49-5/8<br>(1260) | 58-3/8<br>(1483) | 13-1/4<br>(337) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 21-1/4<br>(540) | 24-3/4<br>(629) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |
| 324T           | 25-1/4<br>(641)          | 19-1/2<br>(495) | 49-5/8<br>(1260) | 60-3/8<br>(1534) | 14-1/4<br>(362) | 17<br>(432) | 38-13/16<br>(986) | 19-3/8<br>(492) | 7/8<br>(22) | 23-3/8<br>(594) | 25-3/4<br>(654) | 5<br>(127) | 1<br>(25) | 2<br>(51) | 13-7/8<br>(352) | 11-1/2<br>(292) | 12-7/8<br>(327) | 8<br>(203) |

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

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**xylem**  
Let's Solve Water

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