

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

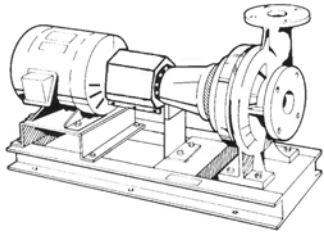
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 2BC Series 1510

### Centrifugal Pumps - Base Mounted

**SPECIFICATIONS**

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**
☐ BRONZE FITTED ☐ ALL IRON

**FEATURES**

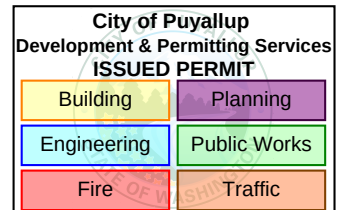
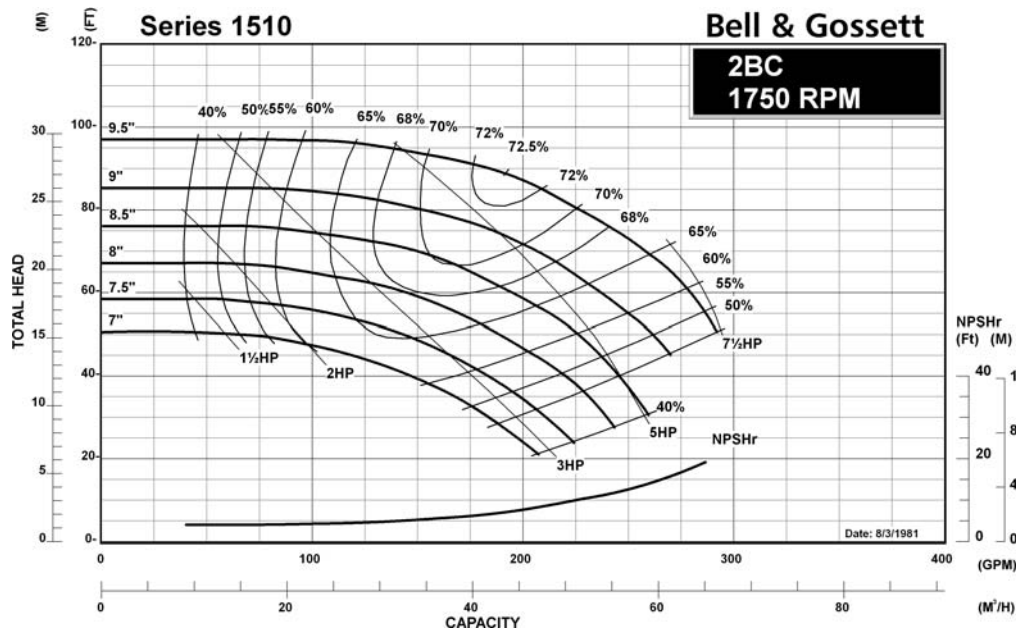
- ☒ i-ALERT™ Condition Monitor
- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

**MAXIMUM WORKING PRESSURE**

- ☐ 175 psi (12 bar) W.P.  
w/ 125# ANSI flange drilling

**TYPE OF SEAL**

- ☐ 1510 Standard Seal  
(Buna-Carbon/Ceramic)
- ☐ 1510 -F Standard Seal w/ Flush Line  
(Buna-Carbon/Ceramic)
- ☐ 1510 -S Stuffing Box construction w/ Flushed  
Mechanical Single Seal  
(EPR-Tungsten Carbide/Carbon)
- ☐ 1510 -D Stuffing Box construction w/ Flushed  
Double Mechanical Seal  
(EPR-Carbon/Ceramic)  
Requires external water source
- ☐ 1510 -PF Stuffing Box Construction w/ Packing  
(Graphite Impregnated Teflon)

**Note: Equipped with NEOPRENE coupling**




**Bell & Gossett**  
a xylem brand

**SUBMITTAL**

**B-224.8G**

JOB:

REPRESENTATIVE:

UNIT TAG:

ENGINEER:

CONTRACTOR:

ORDER NO.

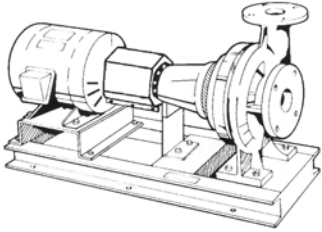
SUBMITTED BY:

APPROVED BY:

DATE:

DATE:

DATE:



## 2BC Series 1510 Centrifugal Pumps - Base Mounted

### SPECIFICATIONS

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

### MATERIALS OF CONSTRUCTION

☐ BRONZE FITTED ☐ ALL IRON

### FEATURES

- ☒ i-ALERT™ Condition Monitor
- ☒ ANSI/OSHA Coupling Guard
- ☒ Center Drop Out Spacer Coupling
- ☒ Fabricated Heavy Duty Baseplate

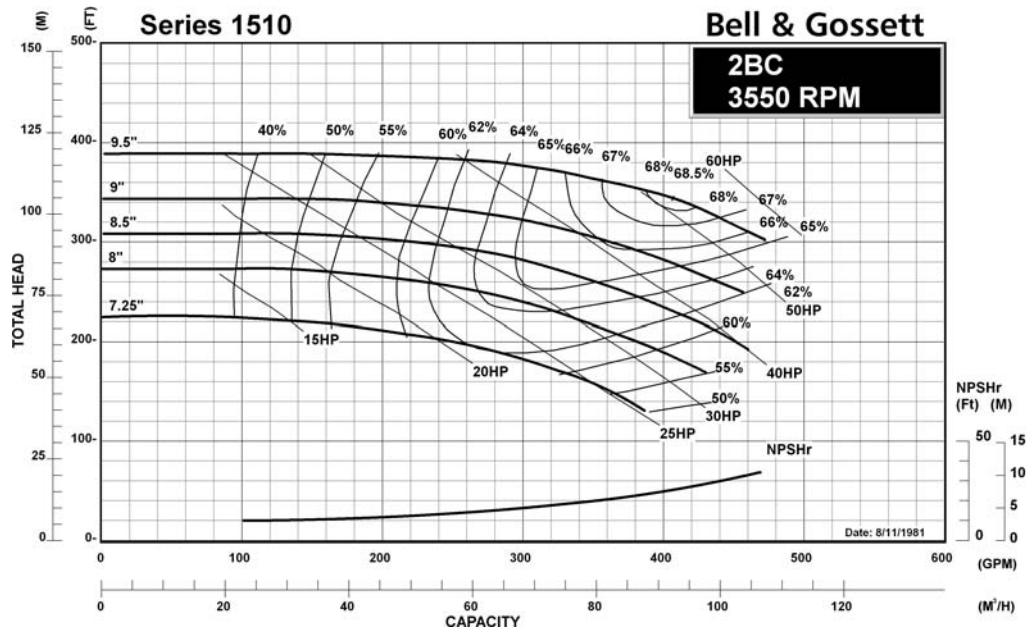
### MAXIMUM WORKING PRESSURE

- ☐ 175 psi (12 bar) W.P.  
w/ 125# ANSI flange drilling

### TYPE OF SEAL

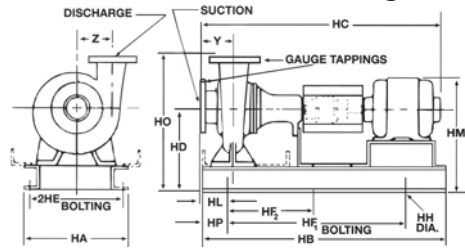
- ☐ 1510 Standard Seal (Buna-Carbon/Ceramic)
- ☐ 1510 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ 1510 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ 1510 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- ☐ 1510 -PF Stuffing Box Construction w/ Packing (Graphite Impregnated Teflon)

**Note: Equipped with NEOPRENE coupling**



## Series 1510 2BC Centrifugal Pump Submittal

B-224.8G



| FLANGE DIMENSIONS IN INCHES (MM) |        |           |              |
|----------------------------------|--------|-----------|--------------|
|                                  | SIZE   | THICKNESS | O.D.         |
| Discharge                        | 2"     | 7/8" (22) | 6-1/4" (159) |
| Suction                          | 2-1/2" | 1" (25)   | 7-3/8" (187) |

FLANGES ARE 125# ANSI - STANDARD

## DIMENSIONS – Inches (mm)

## STANDARD SEAL 1510, 1510-F

| MOTOR FRAME      | HA              | HB              | HC MAX          | HD              | 2HE             | HF <sub>1</sub> | HF <sub>2</sub> | HH          | HL              | HM MAX          | HO              | HP        | Y          | Z              |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-----------------|-----------------|-----------------|-----------|------------|----------------|
| <b>"S" FRAME</b> |                 |                 |                 |                 |                 |                 |                 |             |                 |                 |                 |           |            |                |
| 143T             | 14-5/8<br>(371) | 31<br>(787)     | 29-1/2<br>(749) | 10-3/4<br>(273) | 12-7/8<br>(327) | 25<br>(635)     | –               | 3/4<br>(19) | 2-11/16<br>(68) | 14-1/2<br>(368) | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 145T             | 14-5/8<br>(371) | 31<br>(787)     | 30-1/2<br>(775) | 10-3/4<br>(273) | 12-7/8<br>(327) | 25<br>(635)     | –               | 3/4<br>(19) | 2-11/16<br>(68) | 14-1/2<br>(368) | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 182T             | 14-5/8<br>(371) | 31<br>(787)     | 33-1/8<br>(841) | 10-3/4<br>(273) | 12-7/8<br>(327) | 25<br>(635)     | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16<br>(406)     | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 184T             | 14-5/8<br>(371) | 31<br>(787)     | 33-7/8<br>(860) | 10-3/4<br>(273) | 12-7/8<br>(327) | 25<br>(635)     | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16<br>(406)     | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 213T             | 14-5/8<br>(371) | 34-5/8<br>(879) | 36-1/2<br>(927) | 10-3/4<br>(273) | 12-7/8<br>(327) | 28-5/8<br>(727) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16-5/8<br>(422) | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |

**"L" FRAME**

|       |                 |                  |                  |                 |                 |                 |                 |             |                 |                 |                 |            |            |                |
|-------|-----------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-------------|-----------------|-----------------|-----------------|------------|------------|----------------|
| 215T  | 14-5/8<br>(371) | 39-3/8<br>(1000) | 42-3/8<br>(1076) | 10-3/4<br>(273) | 12-7/8<br>(327) | 33-3/8<br>(848) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16-5/8<br>(422) | 17-3/4<br>(451) | 3<br>(76)  | 4<br>(102) | 5-7/8<br>(149) |
| 254T  | 16<br>(406)     | 46-1/2<br>(1181) | 46-1/8<br>(1172) | 12<br>(305)     | 14<br>(356)     | 36-1/2<br>(927) | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 18-7/8<br>(479) | 19<br>(483)     | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 256T  | 16<br>(406)     | 46-1/2<br>(1181) | 47-7/8<br>(1216) | 12<br>(305)     | 14<br>(356)     | 36-1/2<br>(927) | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 18-7/8<br>(479) | 19<br>(483)     | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 284TS | 16<br>(406)     | 46-1/2<br>(1181) | 47-1/8<br>(1197) | 13<br>(330)     | 14<br>(356)     | 36-1/2<br>(927) | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 21<br>(533)     | 20<br>(508)     | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 286TS | 16<br>(406)     | 46-1/2<br>(1181) | 48-5/8<br>(1235) | 13<br>(330)     | 14<br>(356)     | 36-1/2<br>(927) | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 21<br>(533)     | 20<br>(508)     | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 324TS | 16<br>(406)     | 46-1/2<br>(1181) | 50-5/8<br>(1286) | 12<br>(305)     | 14<br>(356)     | 36-1/2<br>(927) | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 21-1/8<br>(537) | 19<br>(483)     | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 326TS | 16<br>(406)     | 46-1/2<br>(1181) | 52-1/8<br>(1324) | 12<br>(305)     | 14<br>(356)     | 36-1/2<br>(927) | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 21-1/8<br>(537) | 19<br>(483)     | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |

## STUFFING BOX 1510-PF, 1510-S, 1510-D

| MOTOR FRAME      | HA              | HB               | HC MAX          | HD              | 2HE             | HF <sub>1</sub> | HF <sub>2</sub> | HH          | HL              | HM MAX          | HO              | HP        | Y          | Z              |
|------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-----------------|-----------------|-----------------|-----------|------------|----------------|
| <b>"S" FRAME</b> |                 |                  |                 |                 |                 |                 |                 |             |                 |                 |                 |           |            |                |
| 143T             | 14-5/8<br>(371) | 34-5/8<br>(879)  | 33<br>(838)     | 10-3/4<br>(273) | 12-7/8<br>(327) | 28-5/8<br>(727) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 14-1/2<br>(368) | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 145T             | 14-5/8<br>(371) | 34-5/8<br>(879)  | 34<br>(864)     | 10-3/4<br>(273) | 12-7/8<br>(327) | 28-5/8<br>(727) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 14-1/2<br>(368) | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 182T             | 14-5/8<br>(371) | 34-5/8<br>(879)  | 36-3/4<br>(933) | 10-3/4<br>(273) | 12-7/8<br>(327) | 28-5/8<br>(727) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16<br>(406)     | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 184T             | 14-5/8<br>(371) | 34-5/8<br>(879)  | 37-1/2<br>(953) | 10-3/4<br>(273) | 12-7/8<br>(327) | 28-5/8<br>(727) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16<br>(406)     | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |
| 213T             | 14-5/8<br>(371) | 39-3/8<br>(1000) | 40<br>(1016)    | 10-3/4<br>(273) | 12-7/8<br>(327) | 33-3/8<br>(848) | –               | 3/4<br>(19) | 2-11/16<br>(68) | 16-5/8<br>(422) | 17-3/4<br>(451) | 3<br>(76) | 4<br>(102) | 5-7/8<br>(149) |

**"L" FRAME**

|       |             |                  |                  |             |             |                  |                 |             |                 |                 |             |            |            |                |
|-------|-------------|------------------|------------------|-------------|-------------|------------------|-----------------|-------------|-----------------|-----------------|-------------|------------|------------|----------------|
| 215T  | 16<br>(406) | 46-1/2<br>(1181) | 44-3/4<br>(1137) | 12<br>(305) | 14<br>(356) | 36-1/2<br>(927)  | 18-1/4<br>(464) | 7/8<br>(22) | 3-13/16<br>(97) | 17-7/8<br>(454) | 19<br>(483) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 254T  | 16<br>(406) | 51-3/4<br>(1314) | 48-1/2<br>(1232) | 12<br>(305) | 14<br>(356) | 41-3/4<br>(1060) | 20-7/8<br>(530) | 7/8<br>(22) | 3-13/16<br>(97) | 18-7/8<br>(479) | 19<br>(483) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 256T  | 16<br>(406) | 51-3/4<br>(1314) | 50-1/4<br>(1276) | 12<br>(305) | 14<br>(356) | 41-3/4<br>(1060) | 20-7/8<br>(530) | 7/8<br>(22) | 3-13/16<br>(97) | 18-7/8<br>(479) | 19<br>(483) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 284TS | 16<br>(406) | 51-3/4<br>(1314) | 49-5/8<br>(1260) | 13<br>(330) | 14<br>(356) | 41-3/4<br>(1060) | 20-7/8<br>(530) | 7/8<br>(22) | 3-13/16<br>(97) | 21<br>(533)     | 20<br>(508) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 286TS | 16<br>(406) | 51-3/4<br>(1314) | 51-1/8<br>(1299) | 13<br>(330) | 14<br>(356) | 41-3/4<br>(1060) | 20-7/8<br>(530) | 7/8<br>(22) | 3-13/16<br>(97) | 21<br>(533)     | 20<br>(508) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 324TS | 16<br>(406) | 51-3/4<br>(1314) | 53<br>(1346)     | 12<br>(305) | 14<br>(356) | 41-3/4<br>(1060) | 20-7/8<br>(530) | 7/8<br>(22) | 3-13/16<br>(97) | 21-1/8<br>(537) | 19<br>(483) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |
| 326TS | 16<br>(406) | 51-3/4<br>(1314) | 54-1/2<br>(1384) | 12<br>(305) | 14<br>(356) | 41-3/4<br>(1060) | 20-7/8<br>(530) | 7/8<br>(22) | 3-13/16<br>(97) | 21-1/8<br>(537) | 19<br>(483) | 5<br>(127) | 4<br>(102) | 5-7/8<br>(149) |

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

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Let's Solve Water