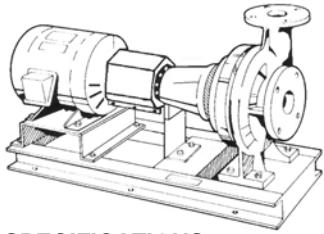


| | | |
|---|---|--|
| JOB: UNIT TAG: ENGINEER: CONTRACTOR: | REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY: | DATE: DATE: DATE: |
|---|---|--|



3BC 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

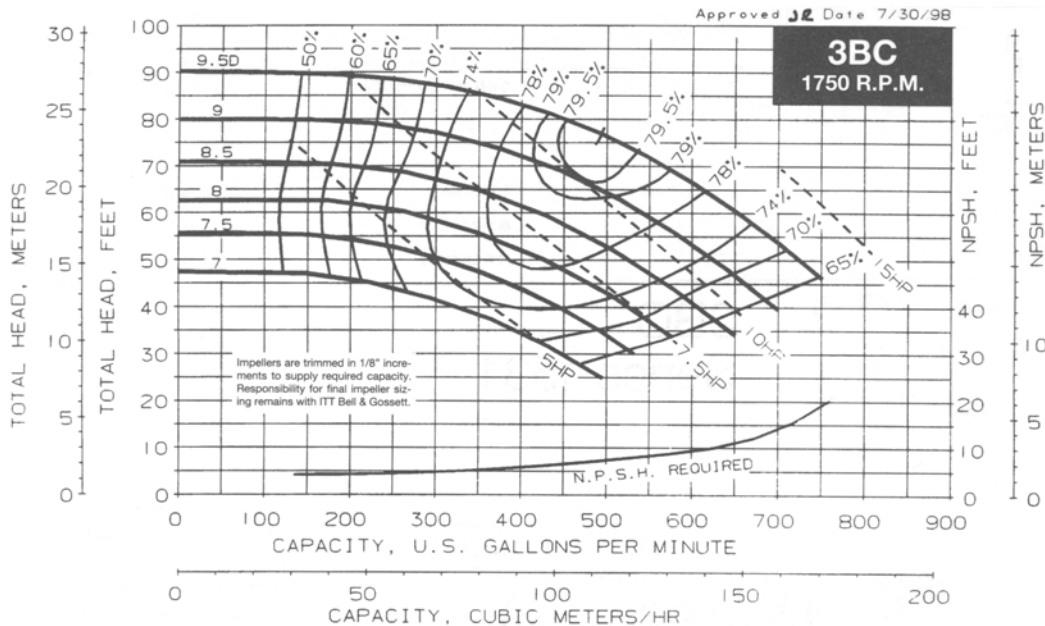
MAXIMUM WORKING PRESSURE

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

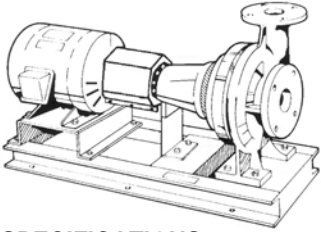
TYPE OF SEAL

- 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



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



3BC

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

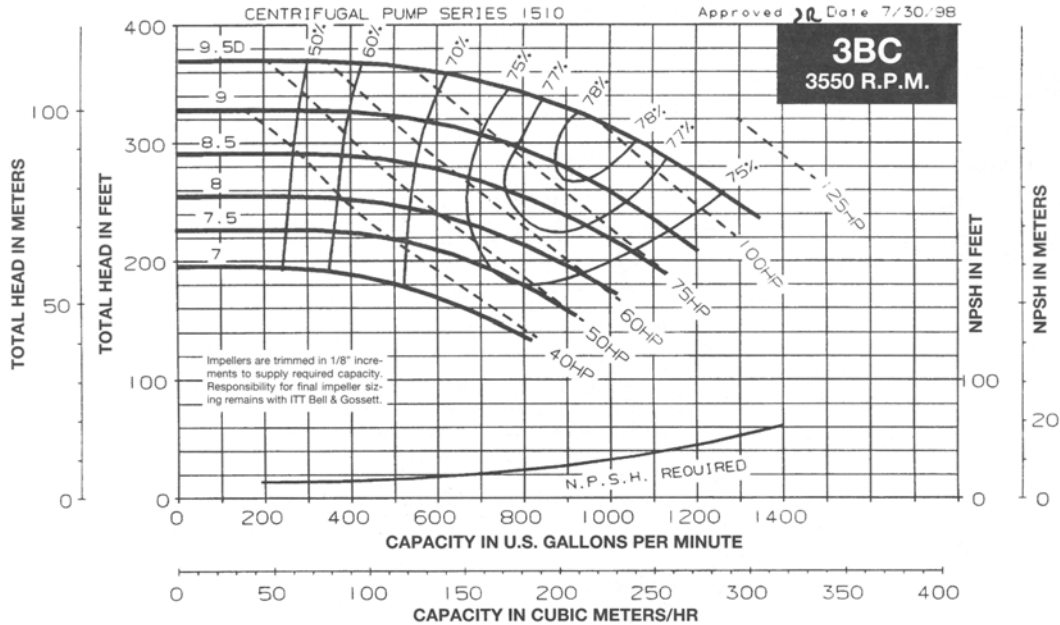
MAXIMUM WORKING PRESSURE

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

TYPE OF SEAL

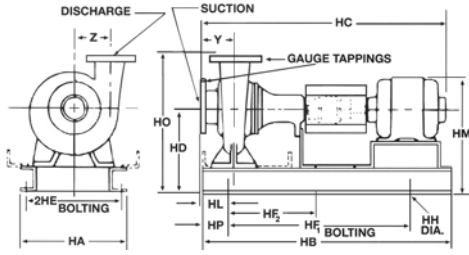
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- 1510 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- 1510 -PF Stuffing Box Construction w/ Packing (Graphite Impregnated Teflon)

Note: Equipped with NEOPRENE coupling



Series 1510 3BC Centrifugal Pump Submittal

B-225K



| FLANGE DIMENSIONS IN INCHES (MM) | | | |
|----------------------------------|------|-------------|--------------|
| | SIZE | THICKNESS | O.D. |
| Discharge | 3" | 3/4" (25) | 7-1/2" (191) |
| Suction | 4" | 15/16" (24) | 9" (229) |

FLANGES ARE 125# ANSI - STANDARD

DIMENSIONS - Inches (mm)

STANDARD SEAL 1510, 1510-F

| MOTOR FRAME | HA | HB | HC MAX | HD | 2HE | HF ₁ | HF ₂ | HH | HL | HM MAX | HO | HP | Y | Z |
|------------------|--------------|---------------|---------------|--------------|--------------|-----------------|-----------------|----------|---------------|--------------|--------------|---------|-------------|-------------|
| "S" FRAME | | | | | | | | | | | | | | |
| 182T | 14-5/8 (371) | 31 (787) | 34-7/8 (886) | 10-3/4 (273) | 12-7/8 (327) | 25 (635) | - | 3/4 (19) | 3-11/16 (94) | 16 (406) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 184T | 14-5/8 (371) | 31 (787) | 34-7/8 (886) | 10-3/4 (273) | 12-7/8 (327) | 25 (635) | - | 3/4 (19) | 3-11/16 (94) | 16 (406) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 213T | 14-5/8 (371) | 34-5/8 (879) | 37-1/2 (953) | 10-3/4 (273) | 12-7/8 (327) | 28-5/8 (727) | - | 3/4 (19) | 3-11/16 (94) | 16-5/8 (422) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 215T | 14-5/8 (371) | 34-5/8 (879) | 39 (991) | 10-3/4 (273) | 12-7/8 (327) | 28-5/8 (727) | - | 3/4 (19) | 3-11/16 (94) | 16-5/8 (422) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 254T | 14-5/8 (371) | 39-3/8 (1000) | 42-3/4 (1086) | 10-3/4 (273) | 12-7/8 (327) | 33-3/8 (848) | - | 3/4 (19) | 3-11/16 (94) | 17-5/8 (448) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| "L" FRAME | | | | | | | | | | | | | | |
| 284TS | 16 (406) | 46-1/2 (1181) | 48-1/8 (1222) | 13 (330) | 14 (356) | 36-1/2 (927) | 18-1/4 (464) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 20-1/2 (521) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| 286TS | 16 (406) | 46-1/2 (1181) | 49-5/8 (1260) | 13 (330) | 14 (356) | 36-1/2 (927) | 18-1/4 (464) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 20-1/2 (521) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| 324TS | 16 (406) | 46-1/2 (1181) | 51-1/2 (1308) | 12 (305) | 14 (356) | 36-1/2 (927) | 18-1/4 (464) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 19-1/2 (495) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| 326TS | 16 (406) | 46-1/2 (1181) | 53 (1346) | 12 (305) | 14 (356) | 36-1/2 (927) | 18-1/4 (464) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 19-1/2 (495) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |

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

| MOTOR FRAME | HA | HB | HC MAX | HD | 2HE | HF ₁ | HF ₂ | HH | HL | HM MAX | HO | HP | Y | Z |
|------------------|--------------|---------------|---------------|--------------|--------------|-----------------|-----------------|----------|---------------|--------------|--------------|---------|-------------|-------------|
| "S" FRAME | | | | | | | | | | | | | | |
| 182T | 14-5/8 (371) | 34-5/8 (879) | 34-3/4 (959) | 10-3/4 (273) | 12-7/8 (327) | 28-5/8 (727) | - | 3/4 (19) | 3-11/16 (93) | 16 (406) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 184T | 14-5/8 (371) | 34-5/8 (879) | 38-1/2 (978) | 10-3/4 (273) | 12-7/8 (327) | 28-5/8 (727) | - | 3/4 (19) | 3-11/16 (93) | 16 (406) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 213T | 14-5/8 (371) | 39-3/8 (1000) | 41 (1041) | 10-3/4 (273) | 12-7/8 (327) | 33-3/8 (848) | - | 3/4 (19) | 3-11/16 (93) | 16-5/8 (422) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 215T | 14-5/8 (371) | 39-3/8 (1000) | 42-1/2 (1080) | 10-3/4 (273) | 12-7/8 (327) | 33-3/8 (848) | - | 3/4 (19) | 3-11/16 (93) | 16-5/8 (422) | 18-1/4 (464) | 3 (76) | 4-3/4 (121) | 6-1/8 (156) |
| 254T | 16 (406) | 46-1/2 (1181) | 46-1/4 (1175) | 12 (305) | 14 (356) | 36-1/2 (927) | 18-1/4 (464) | 7/8 (22) | 4-13/16 (122) | 18-7/8 (479) | 19-1/2 (495) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| "L" FRAME | | | | | | | | | | | | | | |
| 284TS | 16 (406) | 51-3/4 (1314) | 50-1/2 (1283) | 13 (330) | 14 (356) | 41-3/4 (1060) | 20-7/8 (530) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 20-1/2 (521) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| 286TS | 16 (406) | 51-3/4 (1314) | 52 (1321) | 13 (330) | 14 (356) | 41-3/4 (1060) | 20-7/8 (530) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 20-1/2 (521) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| 324TS | 16 (406) | 51-3/4 (1314) | 54 (1372) | 12 (305) | 14 (356) | 41-3/4 (1060) | 20-7/8 (530) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 19-1/2 (495) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |
| 326TS | 16 (406) | 51-3/4 (1314) | 55-1/2 (1410) | 12 (305) | 14 (356) | 41-3/4 (1060) | 20-7/8 (530) | 7/8 (22) | 4-13/16 (122) | 21 (533) | 19-1/2 (495) | 5 (127) | 4-3/4 (121) | 6-1/8 (156) |

Dimensions are subject to change. Not to be used for construction purposes unless certified. CONSULT FACTORY FOR DIMENSIONS ON PUMPS WITH MOTOR FRAMES 364TS AND ABOVE.

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xylem
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