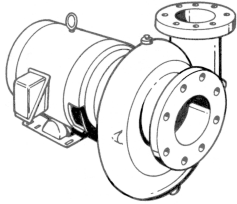


| | | |
|---|---|---|
| <p>JOB:</p> <p>UNIT TAG:</p> <p>ENGINEER:</p> <p>CONTRACTOR:</p> | <p>REPRESENTATIVE:</p> <p>ORDER NO.</p> <p>SUBMITTED BY:</p> <p>APPROVED BY:</p> | <p>DATE:</p> <p>DATE:</p> <p>DATE:</p> |
|---|---|---|



2BC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

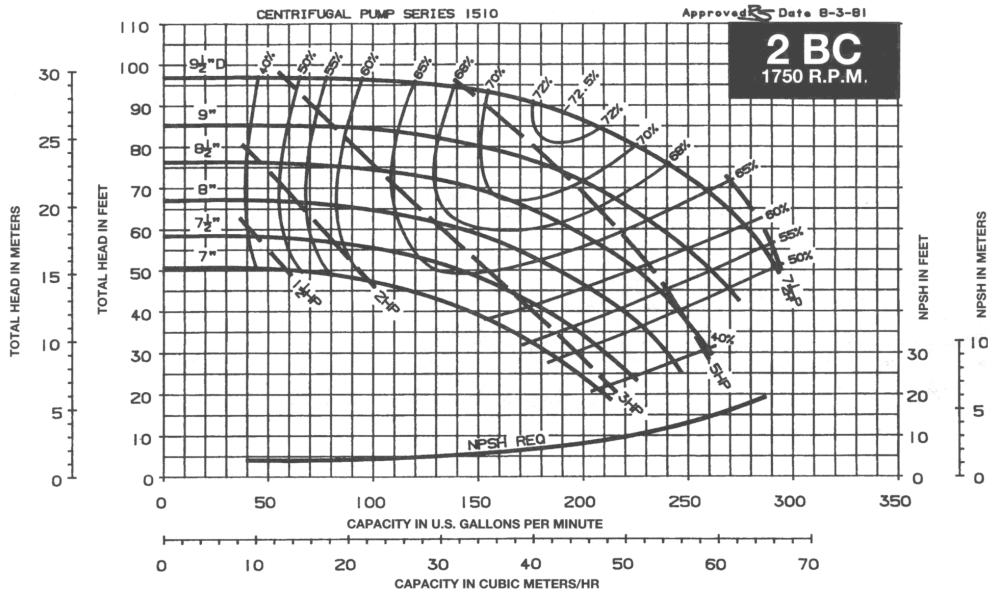
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

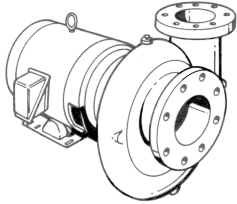
- 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

TYPE OF SEAL

- 1531 Standard Seal (Buna-Carbon/Ceramic)
- 1531 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- 1531 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- 1531 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- 1531 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)



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



2BC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

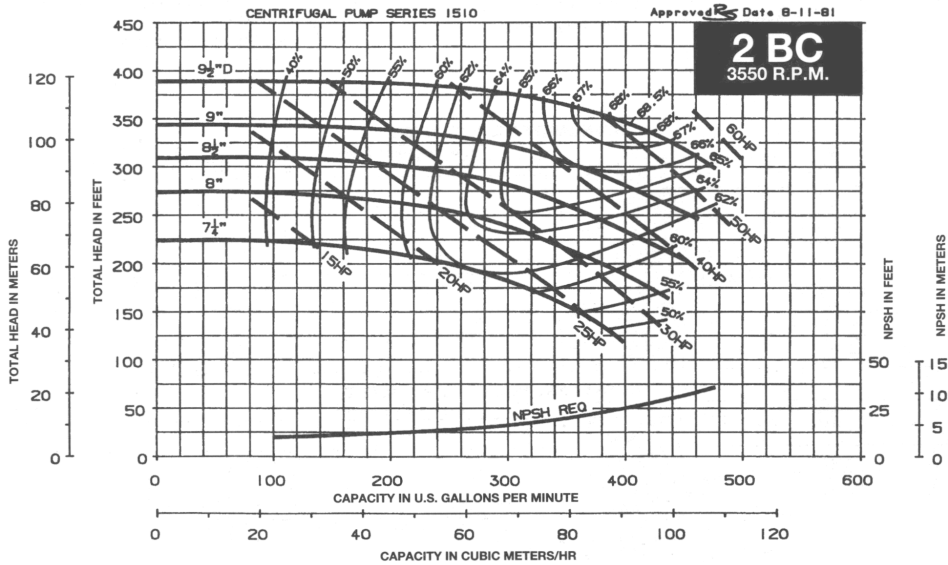
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

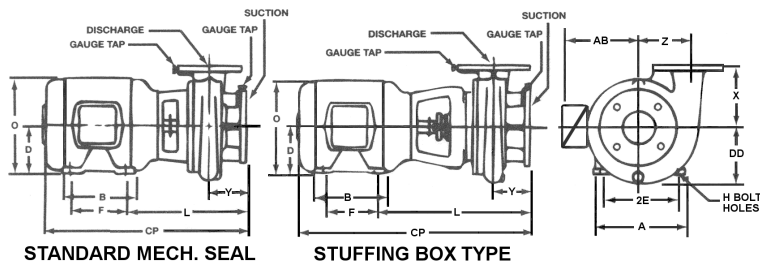
MAXIMUM WORKING PRESSURE

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

TYPE OF SEAL

- 1531 Standard Seal
(Buna-Carbon/Ceramic)
- 1531 -F Standard Seal w/ Flush Line
(Buna-Carbon/Ceramic)
- 1531 -S Stuffing Box construction w/ Flushed Mechanical Single Seal
(EPR-Tungsten Carbide/Carbon)
- 1531 -D Stuffing Box construction w/ Flushed Double Mechanical Seal
(EPR-Carbon/Ceramic)
Requires external water source
- 1531 -PF Stuffing Box Construction w/ Flushed Packing
(Graphite Impregnated Teflon)





| SIZE OF PUMP AND DISCHARGE | SUCTION | PUMP DIMENSIONS IN INCHES (MM) | | | |
|----------------------------|---------|--------------------------------|---------|---------|-------------|
| | | DD | X | Y | Z |
| 2 BC | 2-1/2 | 6-7/8 (175) | 7 (178) | 4 (102) | 5-7/8 (149) |

| 125# ANSI FLANGE DIMENSIONS - INCHES (MM) | | | | |
|---|----------------|---------------------|--------------|---------------|
| PIPE SIZE OF FLANGE | O.D. OF FLANGE | DIA. OF BOLT CIRCLE | NO. OF BOLTS | SIZE OF BOLTS |
| 2 | 6 (152) | 4-3/4 (121) | 4 | 5/8 (M14) |
| 2-1/2 | 7 (178) | 5-1/2 (140) | 4 | 5/8 (M14) |

DIMENSIONS - Inches (mm)

STANDARD SEAL 1531, 1531-F

| MOTOR FRAME | A (Max) | AB (Max) | B (Max) | CP (Max) | D | 2E | F | H | L | O (Max) |
|-------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|------------|--------------|--------------|
| 145JM | 7 (178) | 7 (178) | 6 (152) | 19-7/8 (505) | 3-1/2 (89) | 5-1/2 (140) | 5 (127) | 11/32 (9) | 11-5/8 (295) | 7-1/4 (184) |
| 182JM | 9 (229) | 8-1/2 (216) | 6-1/2 (165) | 23-3/4 (603) | 4-1/2 (114) | 7-1/2 (190) | 4-1/2 (114) | 13/32 (10) | 12-3/8 (314) | 9-3/8 (238) |
| 184JM | 9 (229) | 8-1/2 (216) | 7-1/2 (190) | 23-3/4 (603) | 4-1/2 (114) | 7-1/2 (190) | 5-1/2 (140) | 13/32 (10) | 12-3/8 (314) | 9-3/8 (238) |
| 213JM | 10-1/2 (267) | 10-3/4 (273) | 7-1/2 (190) | 25 (635) | 5-1/4 (133) | 8-1/2 (216) | 5-1/2 (140) | 13/32 (10) | 13-1/4 (337) | 11-1/8 (283) |
| 215JM | 10-1/2 (267) | 10-3/4 (273) | 9 (229) | 26-1/2 (673) | 5-1/4 (133) | 8-1/2 (216) | 7 (178) | 13/32 (10) | 13-1/4 (337) | 11-1/8 (283) |
| 254JP | 12-1/2 (318) | 10-3/4 (273) | 10-3/4 (273) | 33-1/4 (845) | 6-1/4 (159) | 10 (254) | 8-1/4 (210) | 17/32 (13) | 17-5/8 (448) | 13-1/8 (333) |
| 256JP | 12-1/2 (318) | 10-3/4 (273) | 12-1/2 (318) | 35 (889) | 6-1/4 (159) | 10 (254) | 10 (254) | 17/32 (13) | 17-5/8 (448) | 13-1/8 (333) |
| 284JP | 14 (356) | 12-5/8 (321) | 12-1/2 (318) | 34-1/2 (876) | 7 (178) | 11 (279) | 9-1/2 (241) | 17/32 (13) | 17-5/8 (448) | 15 (381) |
| 286JP | 14 (356) | 12-5/8 (321) | 14 (356) | 36 (914) | 7 (178) | 11 (279) | 11 (279) | 17/32 (13) | 17-5/8 (448) | 15 (381) |
| 324JP | 16 (406) | 15-1/8 (384) | 14 (356) | 37-1/2 (952) | 8 (203) | 12-1/2 (318) | 10-1/2 (267) | 21/32 (17) | 18-1/8 (460) | 17 (432) |
| 326JP | 16 (406) | 15-1/8 (384) | 15-1/2 (394) | 39 (991) | 8 (203) | 12-1/2 (318) | 12 (305) | 21/32 (17) | 18-1/8 (460) | 17 (432) |

STUFFING BOX 1531-PF, 1531-S, 1531-D

| MOTOR FRAME | A (Max) | AB (Max) | B (Max) | CP (Max) | D | 2E | F | H | L | O (Max) |
|-------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|------------|--------------|--------------|
| 145JP | 7 (178) | 7 (178) | 6 (152) | 23 (584) | 3-1/2 (89) | 5-1/2 (140) | 5 (127) | 11/32 (9) | 14-3/4 (375) | 7-1/4 (184) |
| 182JP | 9 (229) | 8-1/2 (216) | 6-1/2 (165) | 25-7/8 (657) | 4-1/2 (114) | 7-1/2 (190) | 4-1/2 (114) | 13/32 (10) | 15-1/2 (394) | 9-3/8 (238) |
| 184JP | 9 (229) | 8-1/2 (216) | 7-1/2 (190) | 25-7/8 (657) | 4-1/2 (114) | 7-1/2 (190) | 5-1/2 (140) | 13/32 (10) | 15-1/2 (394) | 9-3/8 (238) |
| 213JP | 10-1/2 (267) | 10-3/4 (273) | 7-1/2 (190) | 28-7/8 (733) | 5-1/4 (133) | 8-1/2 (216) | 5-1/2 (140) | 13/32 (10) | 17-1/8 (435) | 11-1/8 (283) |
| 215JP | 10-1/2 (267) | 10-3/4 (273) | 9 (229) | 30-3/8 (772) | 5-1/4 (133) | 8-1/2 (216) | 7 (178) | 13/32 (10) | 17-1/8 (435) | 11-1/8 (283) |
| 254JP | 12-1/2 (318) | 10-3/4 (273) | 10-3/4 (273) | 33-1/4 (845) | 6-1/4 (159) | 10 (254) | 8-1/4 (210) | 17/32 (13) | 17-5/8 (448) | 13-1/8 (333) |
| 256JP | 12-1/2 (318) | 10-3/4 (273) | 12-1/2 (318) | 35 (889) | 6-1/4 (159) | 10 (254) | 10 (254) | 17/32 (13) | 17-5/8 (448) | 13-1/8 (333) |
| 284JP | 14 (356) | 12-5/8 (321) | 12-1/2 (318) | 34-1/2 (876) | 7 (178) | 11 (279) | 9-1/2 (241) | 17/32 (13) | 17-5/8 (448) | 15 (381) |
| 286JP | 14 (356) | 12-5/8 (321) | 14 (356) | 36 (914) | 7 (178) | 11 (279) | 11 (279) | 17/32 (13) | 17-5/8 (448) | 15 (381) |
| 324JP | 16 (406) | 15-1/8 (384) | 14 (356) | 37-1/2 (952) | 8 (203) | 12-1/2 (318) | 10-1/2 (267) | 21/32 (17) | 18-1/8 (460) | 17 (432) |
| 326JP | 16 (406) | 15-1/8 (384) | 15-1/2 (394) | 39 (991) | 8 (203) | 12-1/2 (318) | 12 (305) | 21/32 (17) | 18-1/8 (460) | 17 (432) |

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

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