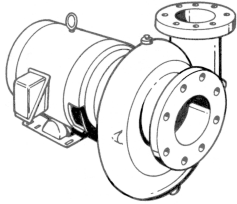


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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2AC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

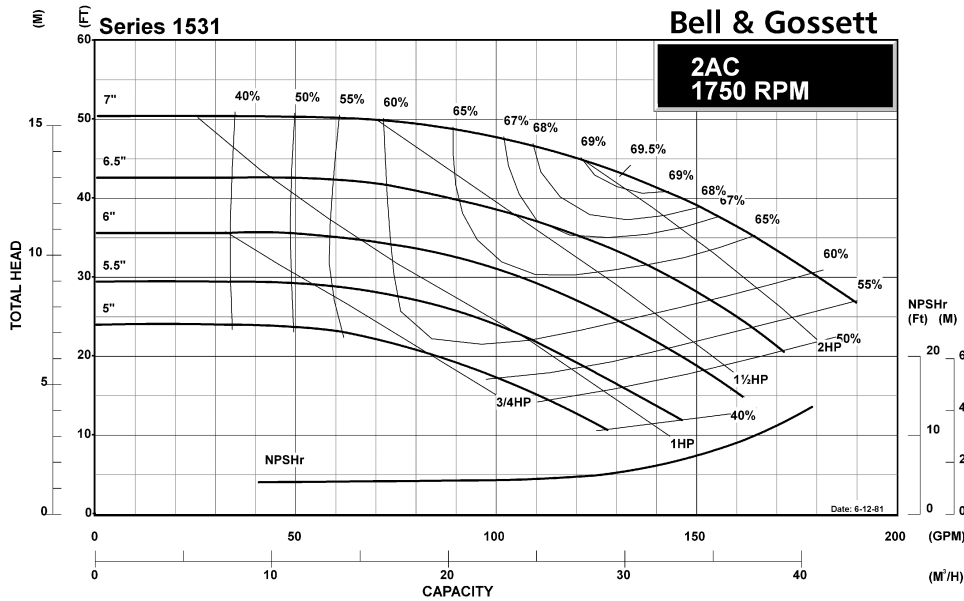
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

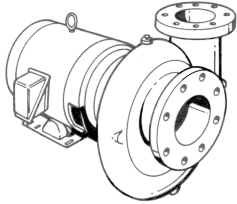
- 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

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:
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2AC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

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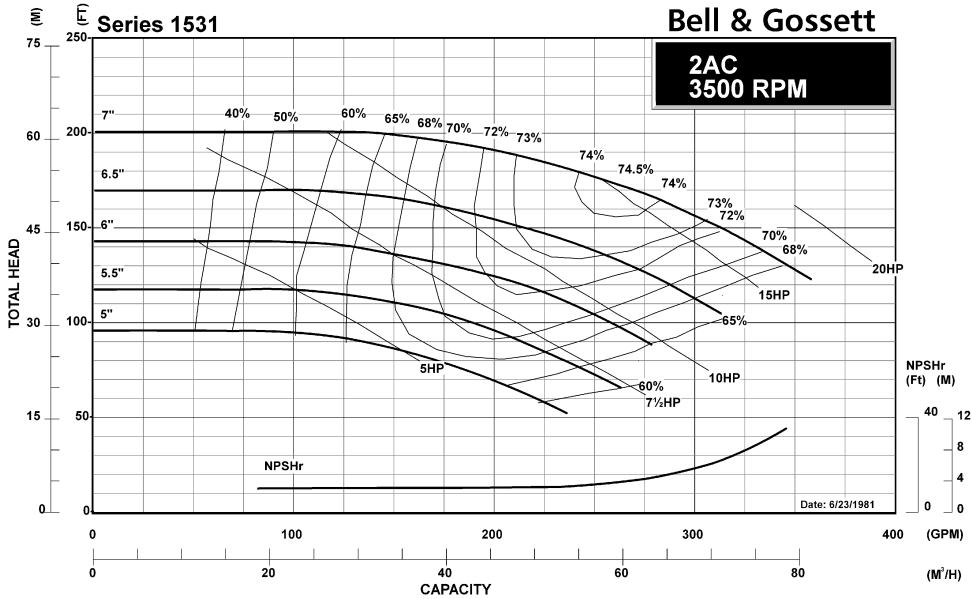
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

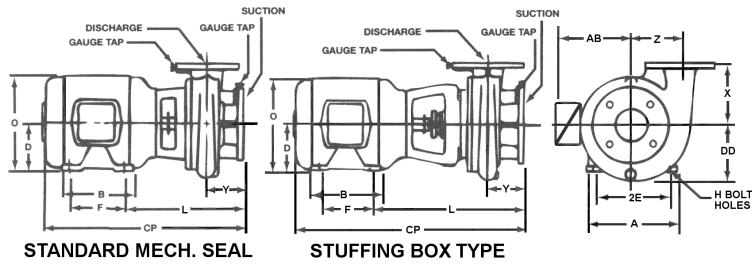
MAXIMUM WORKING PRESSURE

- 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 AC	2-1/2	5-1/2 (140)	6-1/2 (165)	3-1/2 (89)	4-3/4 (121)

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 (16)
2-1/2	7 (178)	5-1/2 (140)	4	5/8 (16)

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)
143JM	7 (178)	7 (178)	6 (152)	19-3/8 (492)	3-1/2 (89)	5-1/2 (140)	4 (102)	11/32 (9)	11-1/8 (283)	7-1/4 (184)
145JM	7 (178)	7 (178)	6 (152)	19-3/8 (492)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	11-1/8 (283)	7-1/4 (184)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	22-1/4 (565)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	11-7/8 (302)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	22-1/4 (565)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	11-7/8 (302)	9-3/8 (238)
213JM	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	24-3/8 (619)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	12-3/4 (324)	11-1/8 (283)
215JM	10-1/2 (267)	10-3/4 (273)	9 (229)	25-7/8 (657)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	12-3/4 (324)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	32-3/4 (832)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	17-1/8 (435)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	34-1/2 (876)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	17-1/8 (435)	13-1/8 (333)

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)
143JP	7 (178)	7 (178)	6 (152)	22-1/2 (572)	3-1/2 (89)	5-1/2 (140)	4 (102)	11/32 (9)	14-1/4 (362)	7-1/4 (184)
145JP	7 (178)	7 (178)	6 (152)	22-1/2 (572)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	14-1/4 (362)	7-1/4 (184)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	25-3/8 (645)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	15 (381)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	25-3/8 (645)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	15 (381)	9-3/8 (238)
213JP	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	28-1/4 (718)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	16-5/8 (422)	11-1/8 (283)
215JP	10-1/2 (267)	10-3/4 (273)	9 (229)	29-3/4 (756)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	16-5/8 (422)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	32-3/4 (832)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	17-1/8 (435)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	34-1/2 (876)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	17-1/8 (435)	13-1/8 (333)

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

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