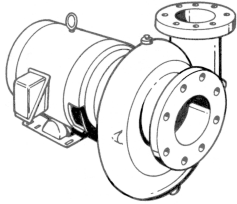


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO.: SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
---	--	--



2-1/2BB

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

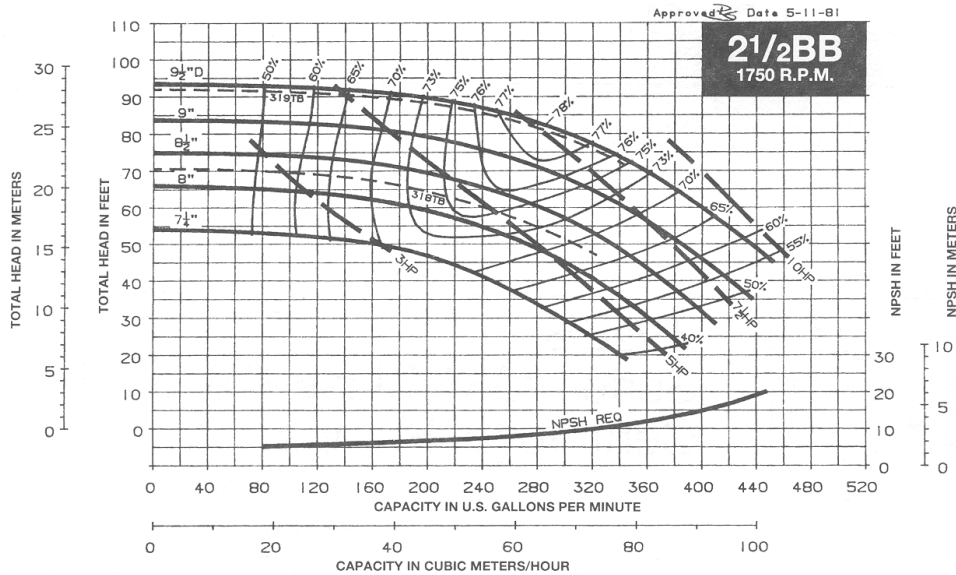
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

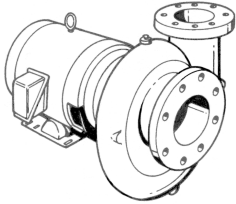
- 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

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:
---	--	--



2-1/2BB

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

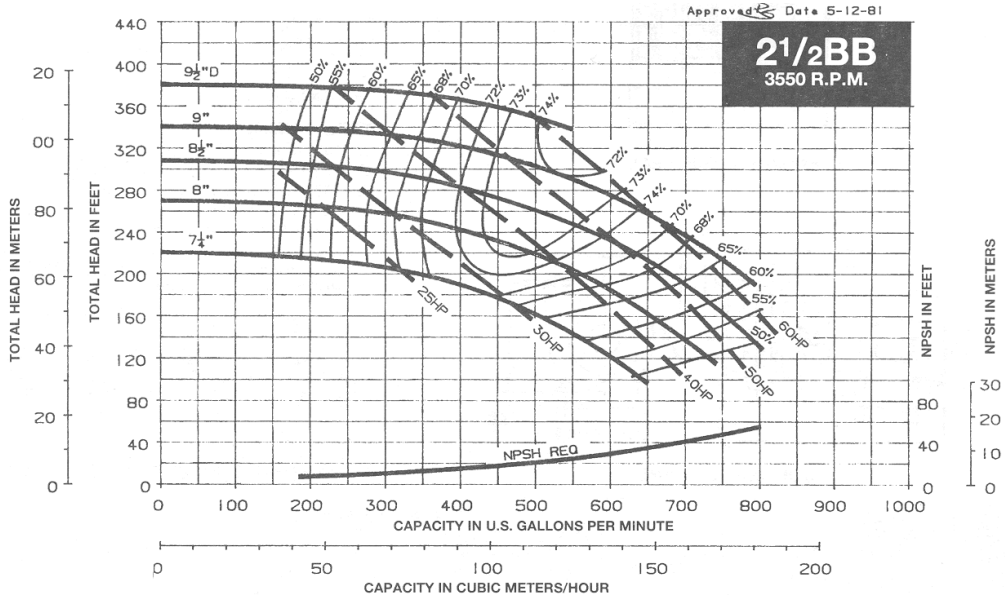
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

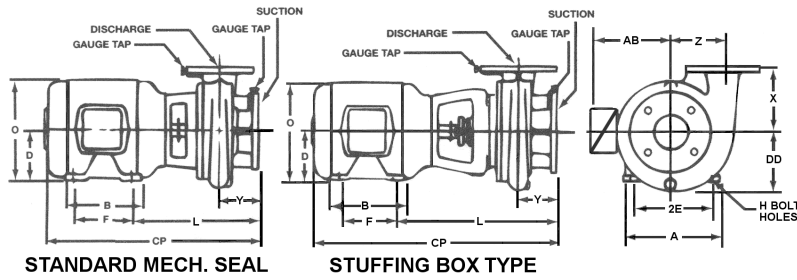
MAXIMUM WORKING PRESSURE

- 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
2-1/2BB	3	7-1/4 (184)	6-3/4 (171)	4 (102)	6 (152)

125# ANSI FLANGE DIMENSIONS - INCHES (MM)				
PIPE SIZE OF FLANGE	O.D. OF FLANGE	DIA. OF BOLT CIRCLE	NO. OF BOLTS	SIZE OF BOLTS
2-1/2	7 (178)	5-1/2 (140)	4	5/8 (14)
3	7-1/2 (190)	6 (152)	4	5/8 (14)

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)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	22-7/8 (581)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	12-7/16 (316)	9-3/4 (248)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	22-7/8 (581)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	12-7/16 (316)	9-3/4 (248)
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)	13-5/16 (338)	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)	13-5/16 (338)	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)	17-11/16 (449)	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)	17-11/16 (449)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	34-5/8 (879)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	17-11/16 (449)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	36-1/8 (918)	7 (178)	11 (279)	11 (279)	17/32 (13)	17-11/16 (449)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	37-5/8 (956)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	18-3/16 (462)	17-1/8 (435)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	39-1/8 (994)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	18-3/16 (462)	17-1/8 (435)

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)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	26 (660)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	15-9/16 (395)	9-3/4 (248)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	26 (660)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	15-9/16 (395)	9-3/4 (248)
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)	17-3/16 (437)	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)	17-3/16 (437)	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)	17-11/16 (449)	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)	17-11/16 (449)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	34-5/8 (879)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	17-11/16 (449)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	36-1/8 (918)	7 (178)	11 (279)	11 (279)	17/32 (13)	17-11/16 (449)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	37-5/8 (956)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	18-3/16 (462)	17-1/8 (435)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	39-1/8 (994)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	18-3/16 (462)	17-1/8 (435)

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

Xylem Inc.
 8200 N. Austin Avenue
 Morton Grove, IL 60053
 Phone: (847)966-3700
 Fax: (847)965-8379
 www.bellgossett.com

