

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

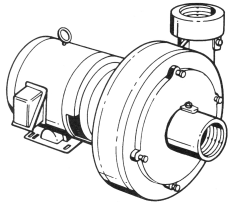
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



1-1/2BC

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 [†]

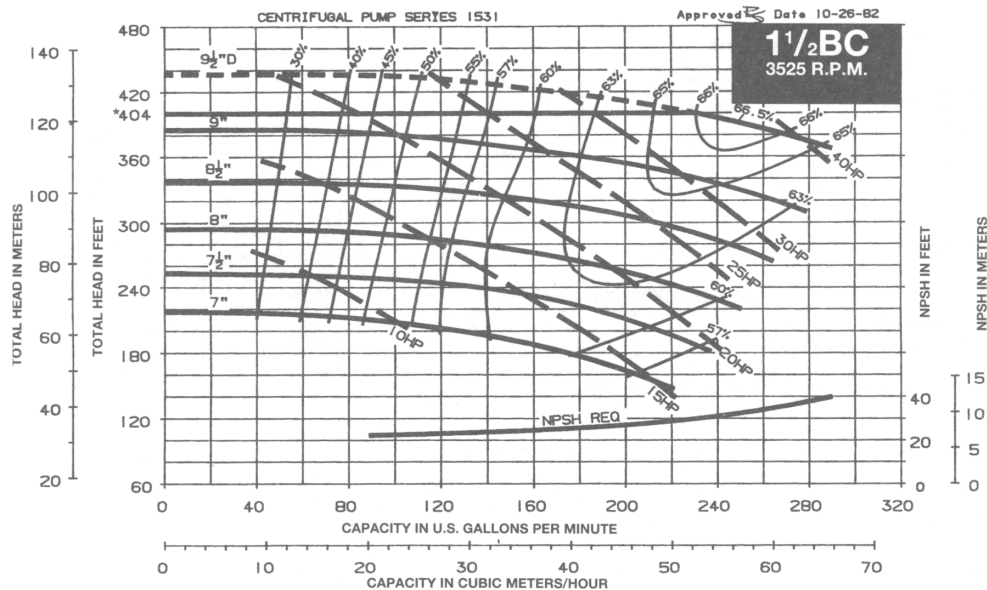
[†]All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.

TYPE OF SEAL

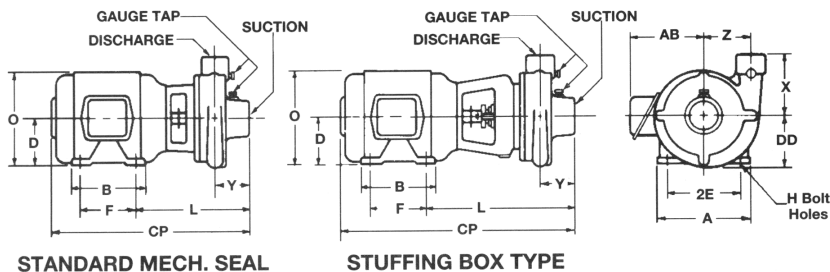
- ☐ 1531 Standard Seal (Buna-Carbon/Ceramic)
- ☐ 1531 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
- ☐ 1531 -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
- ☐ 1531 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic)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



CAUTION: Operation of this pump above 404 feet will exceed the 175# maximum working pressure.

Series 1531 1-1/2BC Centrifugal Pump Submittal

B-335.7F



SIZE OF PUMP AND DISCHARGE	SUCTION	PUMP DIMENSIONS IN INCHES (MM)			
		DD	X	Y	Z
1-1/2BC (NPT)	2 NPT	6-1/4 (159)	6-1/2 (165)	3-1/8 (79)	5-3/4 (146)

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)	18-7/8 (479)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	10-5/8 (270)	7-1/4 (184)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	21-3/4 (552)	4-1/2 (114)	7-1/2 (191)	4-1/2 (114)	13/32 (10)	11-3/8 (289)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (191)	21-3/4 (552)	4-1/2 (114)	7-1/2 (191)	5-1/2 (140)	13/32 (10)	11-3/8 (289)	9-3/8 (238)
213JM	10-1/2 (267)	10-3/4 (273)	7-1/2 (191)	23-7/8 (606)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	12-1/4 (311)	11-1/8 (283)
215JM	10-1/2 (267)	10-3/4 (273)	9 (229)	25-3/8 (644)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	12-1/4 (311)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	32-1/4 (819)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	16-5/8 (422)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	34 (864)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	16-5/8 (422)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	33-3/8 (848)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	16-5/8 (422)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	34-7/8 (886)	7 (178)	11 (279)	11 (279)	17/32 (13)	16-5/8 (422)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	36-3/8 (924)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	17-1/8 (435)	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)	22 (559)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	13-3/4 (349)	7-1/4 (184)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	24-7/8 (632)	4-1/2 (114)	7-1/2 (191)	4-1/2 (114)	13/32 (10)	14-1/2 (368)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (191)	24-7/8 (632)	4-1/2 (114)	7-1/2 (191)	5-1/2 (140)	13/32 (10)	14-1/2 (368)	9-3/8 (238)
213JP	10-1/2 (267)	10-3/4 (273)	7-1/2 (191)	27-3/4 (705)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	16-1/8 (410)	11-1/8 (283)
215JP	10-1/2 (267)	10-3/4 (273)	9 (229)	29-1/4 (743)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	16-1/8 (410)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	32-1/4 (819)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	16-5/8 (422)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	34 (864)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	16-5/8 (422)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	33-3/8 (848)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	16-5/8 (422)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	34-7/8 (886)	7 (178)	11 (279)	11 (279)	17/32 (13)	16-5/8 (422)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	36-3/8 (924)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	17-1/8 (435)	17 (432)

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

xylem
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.
© 2013 Xylem Inc.