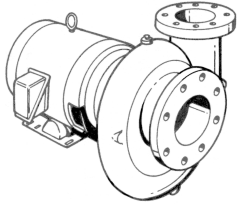


<b>JOB:</b>   <b>UNIT TAG:</b> <b>ENGINEER:</b> <b>CONTRACTOR:</b>	<b>REPRESENTATIVE:</b>   <b>ORDER NO.:</b> <b>SUBMITTED BY:</b> <b>APPROVED BY:</b>	<b>DATE:</b> <b>DATE:</b> <b>DATE:</b>
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# 3BC

## Series 1531

### Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

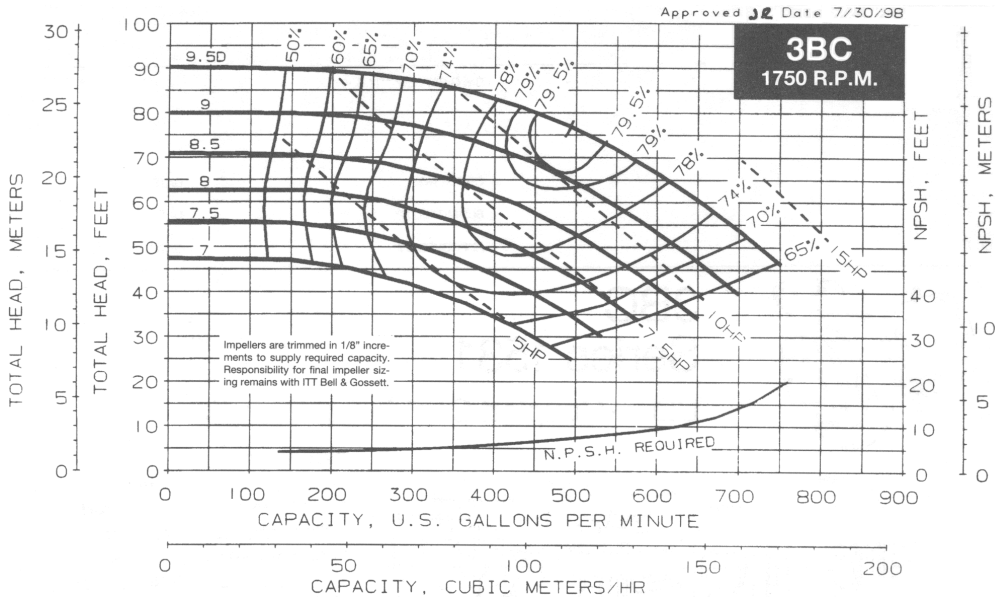
BRONZE FITTED     ALL IRON

**MAXIMUM WORKING PRESSURE**

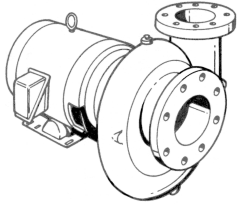
175 psi (12 bar) W.P.  
with 125# ANSI flange drilling

**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)



<b>JOB:</b>  <b>UNIT TAG:</b> <b>ENGINEER:</b> <b>CONTRACTOR:</b>	<b>REPRESENTATIVE:</b>  <b>ORDER NO.:</b> <b>SUBMITTED BY:</b> <b>APPROVED BY:</b>	<b>DATE:</b> <b>DATE:</b> <b>DATE:</b>
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# 3BC

## Series 1531

### Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

APPROX. WEIGHT \_\_\_\_\_

SPECIALS \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

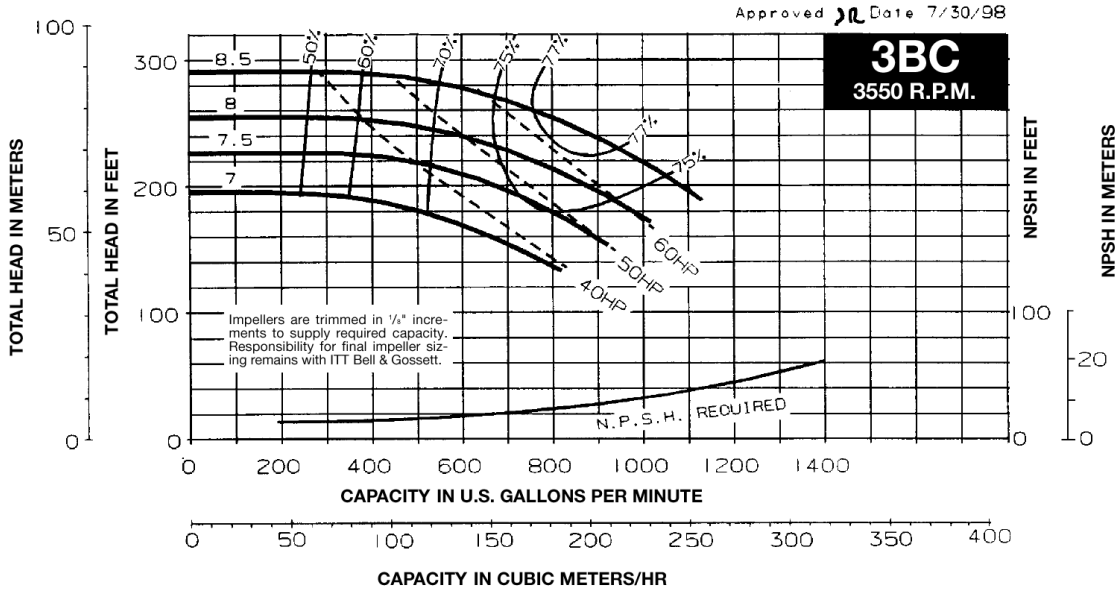
BRONZE FITTED     ALL IRON

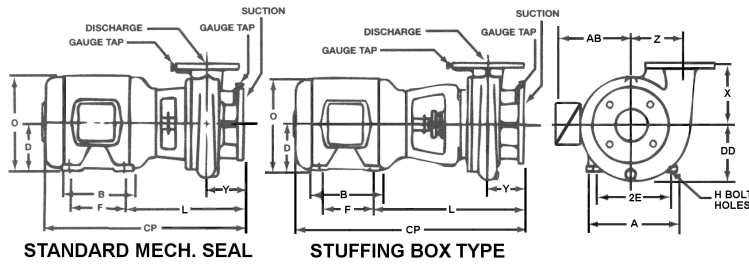
**MAXIMUM WORKING PRESSURE**

175 psi (12 bar) W.P.  
with 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
3BC	4	7 (178)	7-1/2 (191)	4-3/4 (121)	6-1/8 (156)

PIPE SIZE OF FLANGE	O.D. OF FLANGE	DIA. OF BOLT CIRCLE	NO. OF BOLTS	SIZE OF BOLTS
3	7-1/2 (190)	6 (152)	4	5/8
4	9 (229)	7-1/2 (190)	8	5/8

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)	23-7/8 (606)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	13-7/16 (341)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	23-7/8 (606)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	13-7/16 (341)	9-3/8 (238)
213JM	10-3/4 (273)	10-3/4 (273)	7-1/2 (190)	26 (660)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	14-5/16 (364)	11-1/8 (283)
215JM	10-3/4 (273)	10-3/4 (273)	9 (229)	27-1/2 (698)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	14-5/16 (364)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	34-3/8 (873)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	18-11/16 (475)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	35-5/8 (905)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	18-11/16 (475)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	37-1/8 (943)	7 (178)	11 (279)	11 (279)	17/32 (13)	18-11/16 (475)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	38-1/2 (978)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	19-3/16 (487)	17 (432)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	40 (1016)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	19-3/16 (487)	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)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	27 (686)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	16-9/16 (421)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	27 (686)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	16-9/16 (421)	9-3/8 (238)
213JP	10-3/4 (273)	10-3/4 (273)	7-1/2 (190)	29-7/8 (759)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	18-3/16 (462)	11-1/8 (283)
215JP	10-3/4 (273)	10-3/4 (273)	9 (229)	31-3/8 (797)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	18-3/16 (462)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	34-3/8 (873)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	18-11/16 (475)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	35-5/8 (905)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	18-11/16 (475)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	37-1/8 (943)	7 (178)	11 (279)	11 (279)	17/32 (13)	18-11/16 (475)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	38-1/2 (978)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	19-3/16 (487)	17 (432)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	40 (1016)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	19-3/16 (487)	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

