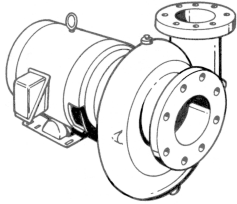


<b>JOB:</b>   <b>UNIT TAG:</b> <b>ENGINEER:</b> <b>CONTRACTOR:</b>	<b>REPRESENTATIVE:</b>   <b>ORDER NO.</b> <b>SUBMITTED BY:</b> <b>APPROVED BY:</b>	<b>DATE:</b> <b>DATE:</b> <b>DATE:</b>
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# 4AC

## Series 1531

### Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

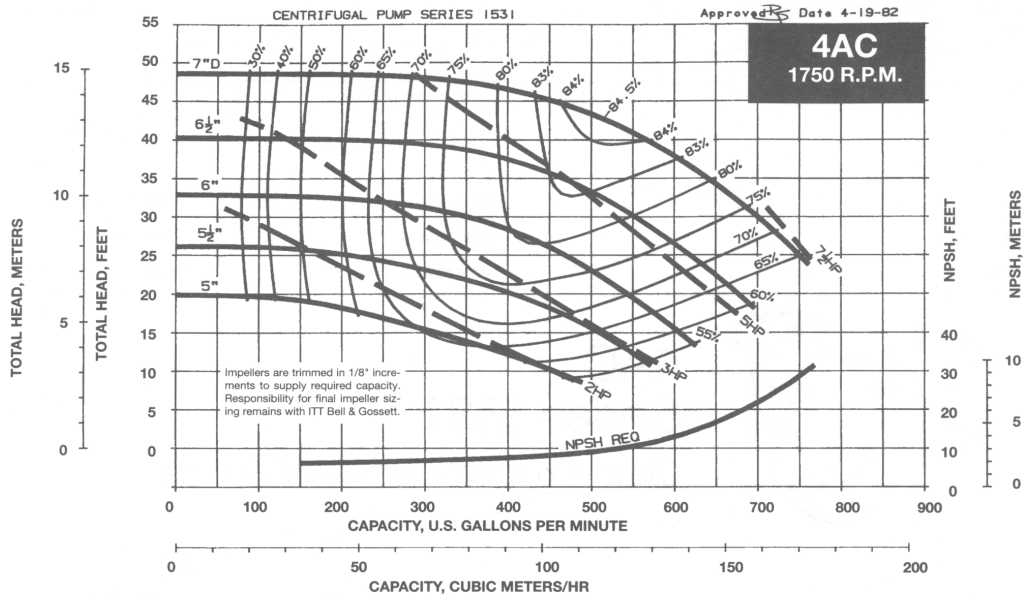
BRONZE FITTED     ALL IRON

**MAXIMUM WORKING PRESSURE**

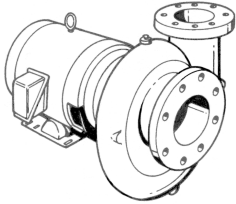
175 psi (12 bar) W.P.  
with 125# ANSI flange drilling

**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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# 4AC

## Series 1531

### Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

\_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

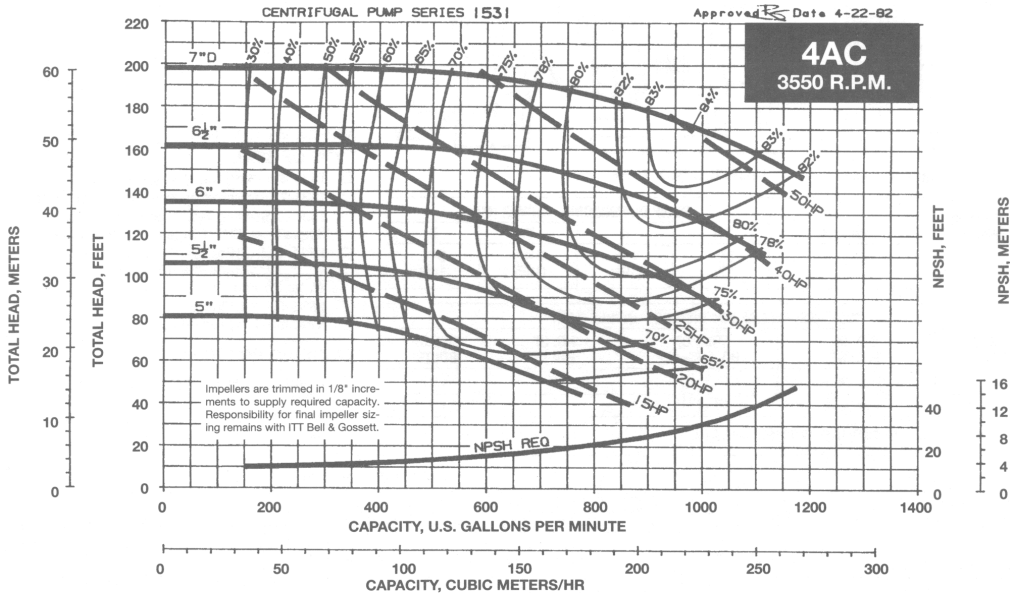
BRONZE FITTED     ALL IRON

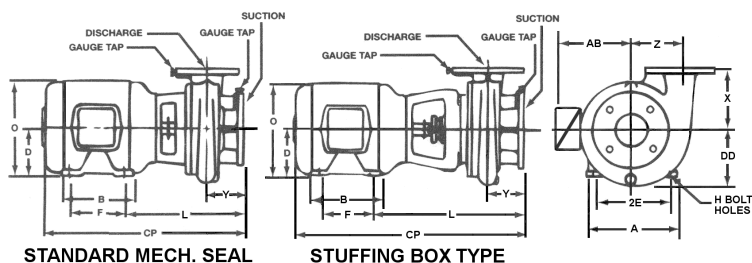
**MAXIMUM WORKING PRESSURE**

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
4AC	5	6-7/8 (175)	7-1/2 (190)	4-15/16 (125)	5-3/4 (146)

125# ANSI FLANGE DIMENSIONS - INCHES (MM)				
PIPE SIZE OF FLANGE	O.D. OF FLANGE	DIA. OF BOLT CIRCLE	NO. OF BOLTS	SIZE OF BOLTS
4	9-1/2 (241)	7-1/2 (190)	8	5/8 (16)
5	10-3/4 (273)	8-1/2 (216)	8	3/4 (19)

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)	21-5/8 (549)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	13-5/16 (338)	7-1/4 (184)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	24-1/2 (622)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	14-1/16 (357)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	24-1/2 (622)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	14-1/16 (357)	9-3/8 (238)
213JM	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	26-5/8 (676)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	14-15/16 (379)	11-1/8 (283)
215JM	10-1/2 (267)	10-3/4 (273)	9 (229)	28-1/8 (714)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	14-15/16 (379)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	35 (889)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	19-5/16 (491)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	36-3/4 (933)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	19-5/16 (491)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	36-1/8 (918)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	19-5/16 (491)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	37-5/8 (956)	7 (178)	11 (279)	11 (279)	17/32 (13)	19-5/16 (491)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	39-1/8 (994)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	19-13/16 (503)	17 (432)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	40-5/8 (1032)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	19-13/16 (503)	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)	24-3/4 (629)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	16-7/16 (418)	7-1/4 (184)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	27-5/8 (702)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	17-3/16 (437)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	27-5/8 (702)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	17-3/16 (437)	9-3/8 (238)
213JP	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	30-1/2 (775)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	18-13/16 (478)	11-1/8 (283)
215JP	10-1/2 (267)	10-3/4 (273)	9 (229)	32 (813)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	18-13/16 (478)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	35 (889)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	19-5/16 (491)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	36-3/4 (933)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	19-5/16 (491)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	36-1/8 (918)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	19-5/16 (491)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	37-5/8 (956)	7 (178)	11 (279)	11 (279)	17/32 (13)	19-5/16 (491)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	39-1/8 (994)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	19-13/16 (503)	17 (432)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	40-5/8 (1032)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	19-13/16 (503)	17 (432)

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

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