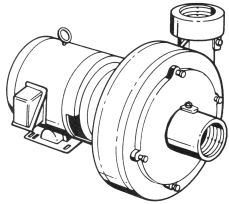


<b>JOB:</b>	<b>REPRESENTATIVE:</b>	
<b>UNIT TAG:</b>	<b>ORDER NO.:</b>	<b>DATE:</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>	<b>DATE:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>	<b>DATE:</b>



# 1-1/2 AC

## Series 1531

### Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

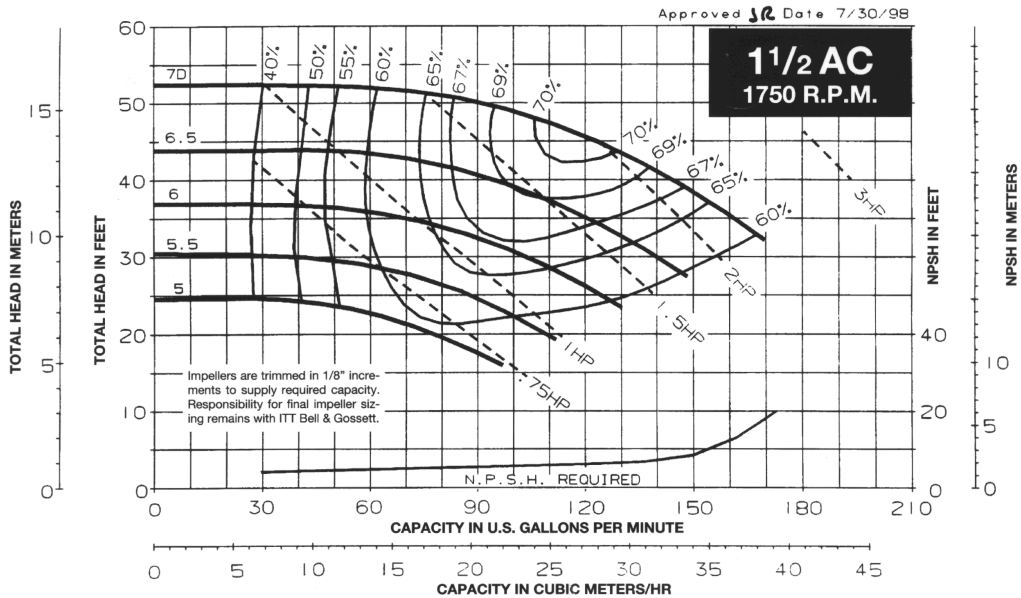
BRONZE FITTED     ALL IRON

**MAXIMUM WORKING PRESSURE**

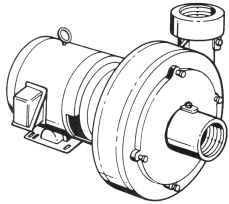
175 psi (12 bar) W.P.

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



# 1-1/2 AC

## Series 1531

### Close-Coupled Centrifugal Pumps

**SPECIFICATIONS**

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

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

VOLTS \_\_\_\_\_

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

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

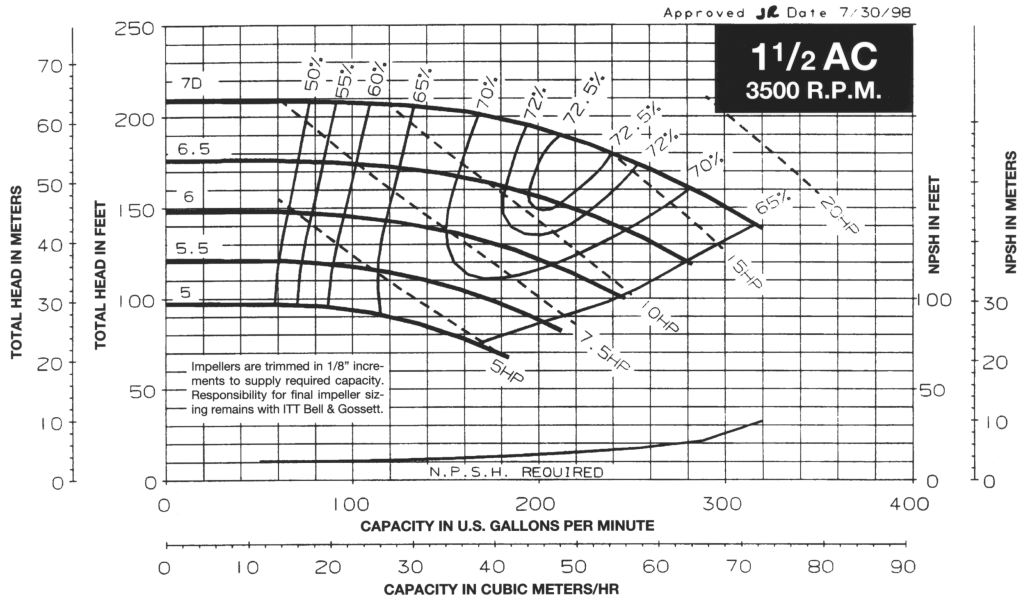
BRONZE FITTED     ALL IRON

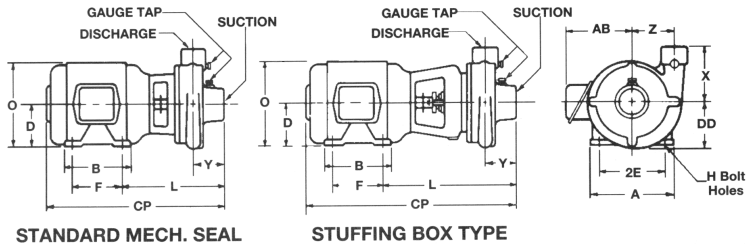
**MAXIMUM WORKING PRESSURE**

175 psi (12 bar) W.P.

**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
1-1/2AC (NPT)	2 NPT	5 (127)	6 (152)	3-1/8 (79)	4-5/8 (117)

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)	18-7/8 (479)	3-1/2 (89)	5-1/2 (140)	4 (102)	11/32 (9)	10-5/8 (270)	7-1/4 (184)
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 (190)	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 (190)	21-3/4 (552)	4-1/2 (114)	7-1/2 (190)	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 (190)	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 (645)	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)

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 (559)	3-1/2 (89)	5-1/2 (140)	4 (102)	11/32 (9)	13-3/4 (349)	7-1/4 (184)
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 (190)	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 (190)	24-7/8 (632)	4-1/2 (114)	7-1/2 (190)	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 (190)	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)	16-5/8 (422)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	16-5/8 (422)	13-1/8 (333)

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

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