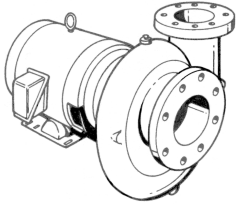


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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3AC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____
 HP _____ RPM _____
 VOLTS _____
 CYCLE _____ PHASE _____
 ENCLOSURE _____
 APPROX. WEIGHT _____
 SPECIALS _____

MATERIALS OF CONSTRUCTION

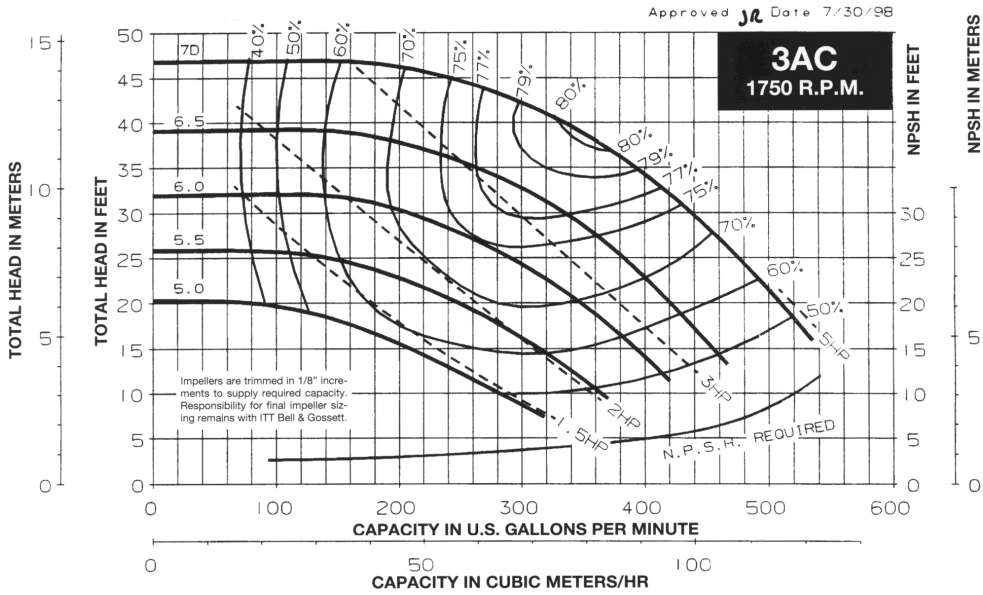
BRONZE FITTED ALL IRON

MAXIMUM WORKING PRESSURE

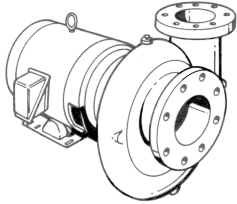
175 psi (12 bar) W.P.
with 125# ANSI flange drilling

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)



JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO.: SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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3AC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____
 HP _____ RPM _____
 VOLTS _____
 CYCLE _____ PHASE _____
 ENCLOSURE _____
 APPROX. WEIGHT _____
 SPECIALS _____

MATERIALS OF CONSTRUCTION

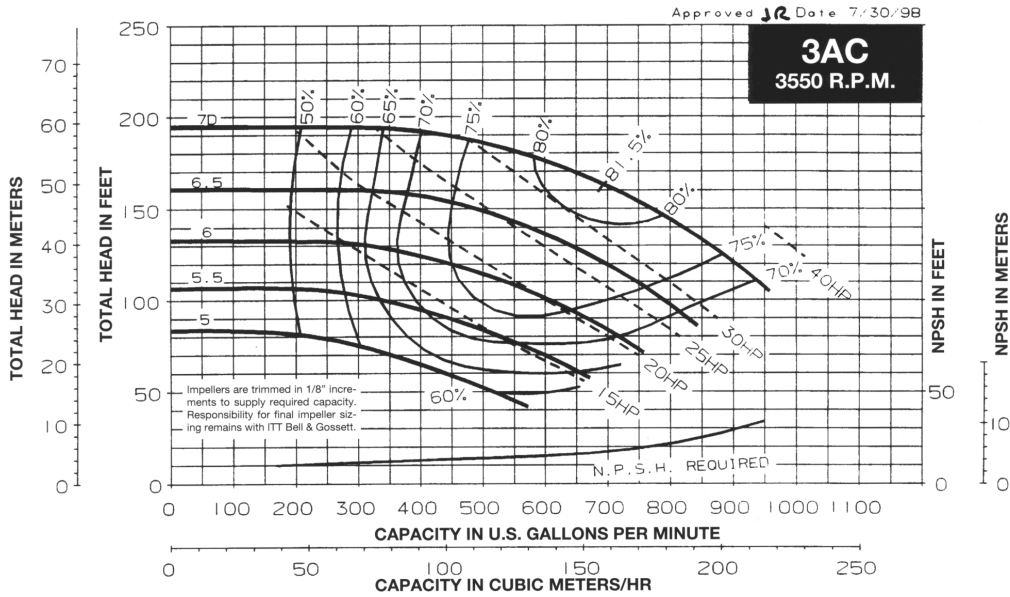
BRONZE FITTED ALL IRON

MAXIMUM WORKING PRESSURE

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

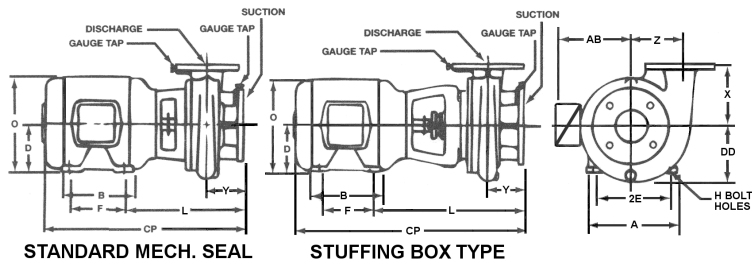
TYPE OF SEAL

- 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)



Series 1531 3AC Centrifugal Pump Submittal

B-335.4F



SIZE OF PUMP AND DISCHARGE	SUCTION	PUMP DIMENSIONS IN INCHES (MM)			
		DD	X	Y	Z
3 AC	4	6-1/4 (159)	6 (152)	4-1/8 (105)	5 (127)

125# ANSI FLANGE DIMENSIONS - INCHES (MM)				
PIPE SIZE OF FLANGE	O.D. OF FLANGE	DIA. OF BOLT CIRCLE	NO. OF BOLTS	SIZE OF BOLTS
3	7-1/2 (191)	6 (152)	4	5/8 (14)
4	9 (229)	7-1/2 (191)	8	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)
143JM	7 (178)	7 (178)	6 (152)	20-1/8 (511)	3-1/2 (89)	5-1/2 (140)	4 (102)	11/32 (9)	11-7/8 (302)	7-1/4 (184)
145JM	7 (178)	7 (178)	6 (152)	20-1/8 (511)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	11-7/8 (302)	7-1/4 (184)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	23 (584)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	12-5/8 (321)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	23 (584)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	12-5/8 (321)	9-3/8 (238)
213JM	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	25-1/4 (641)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	13-9/16 (344)	11-1/8 (283)
215JM	10-1/2 (267)	10-3/4 (273)	9 (229)	26-3/4 (679)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	13-9/16 (344)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	33-1/2 (851)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	17-7/8 (454)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	35-1/4 (895)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	17-7/8 (454)	3-1/8 (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)	17-7/8 (454)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	36-1/8 (918)	7 (178)	11 (279)	11 (279)	17/32 (13)	17-7/8 (454)	15 (381)

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)	23-1/4 (591)	3-1/2 (89)	5-1/2 (140)	4 (102)	11/32 (9)	15 (381)	7-1/4 (184)
145JP	7 (178)	7 (178)	6 (152)	23-1/4 (591)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	15 (381)	7-1/4 (184)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	26-1/8 (664)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	15-3/4 (400)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	26-1/8 (664)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	15-3/4 (400)	9-3/8 (238)
213JP	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	29-1/8 (740)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	17-7/16 (443)	11-1/8 (283)
215JP	10-1/2 (267)	10-3/4 (273)	9 (229)	30-5/8 (778)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	17-7/16 (443)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	33-1/2 (851)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	17-7/8 (454)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	35-1/2 (895)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	17-7/8 (454)	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)	17-7/8 (454)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	36-1/8 (918)	7 (178)	11 (279)	11 (279)	17/32 (13)	17-7/8 (454)	15 (381)

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

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