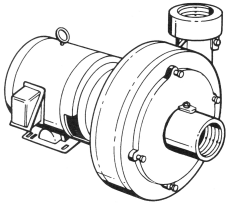


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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1-1/4BC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

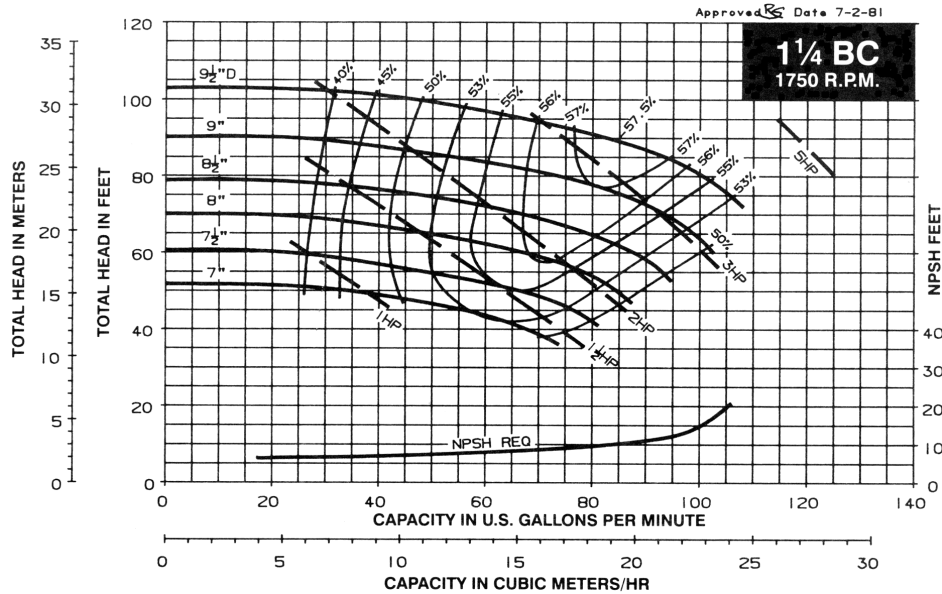
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

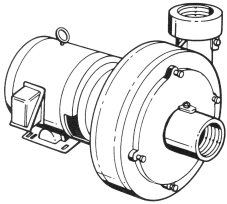
- 175 psi (12 bar) W.P.

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)



JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
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1-1/4BC

Series 1531

Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

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SPECIALS _____

MATERIALS OF CONSTRUCTION

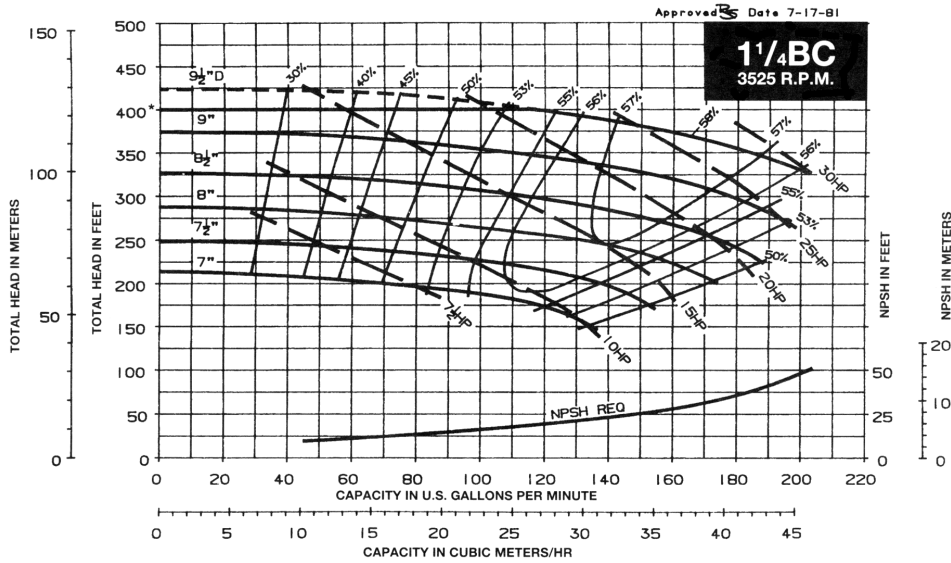
- BRONZE FITTED ALL IRON
- ALL BRONZE †
- †All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

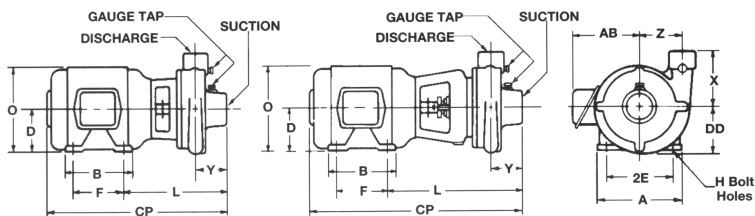
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- 1531 -D Stuffing Box construction w/ Flushed Double Mechanical Seal (EPR-Carbon/Ceramic) Requires external water source
- 1531 -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated Teflon)



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



STANDARD MECH. SEAL

STUFFING BOX TYPE

SIZE OF PUMP AND DISCHARGE	SUCTION	PUMP DIMENSIONS IN INCHES (MM)			
		DD	X	Y	Z
1-1/4 BC (NPT)	1-1/2 NPT	6-1/8 (155)	8 (204)	3-1/4 (83)	5-1/2 (140)

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)	19 (483)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	10-3/4 (273)	7-1/4 (184)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	21-7/8 (556)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	11-1/2 (292)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	21-7/8 (556)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	11-1/2 (292)	9-3/8 (238)
213JM	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	24-1/8 (613)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	12-3/8 (314)	11-1/8 (283)
215JM	10-1/2 (267)	10-3/4 (273)	9 (229)	25-5/8 (651)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	12-3/8 (314)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	32-3/8 (822)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	16-3/4 (425)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	34-1/8 (867)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	16-3/4 (425)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	33-5/8 (854)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	16-3/4 (425)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	35-1/8 (892)	7 (178)	11 (279)	11 (279)	17/32 (13)	16-3/4 (425)	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)
145JP	7 (178)	7 (178)	6 (152)	22-1/8 (562)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	13-7/8 (352)	7-1/4 (184)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	25 (635)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	14-5/8 (371)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	25 (635)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	14-5/8 (371)	9-3/8 (238)
213JP	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	28 (711)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	16-1/4 (413)	11-1/8 (283)
215JP	10-1/2 (267)	10-3/4 (273)	9 (229)	29-1/2 (749)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	16-1/4 (413)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	32-3/8 (822)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	16-3/4 (425)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	34-1/8 (867)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	16-3/4 (425)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	33-5/8 (854)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	16-3/4 (425)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	35-1/8 (892)	7 (178)	11 (279)	11 (279)	17/32 (13)	16-3/4 (425)	15 (381)

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

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