

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

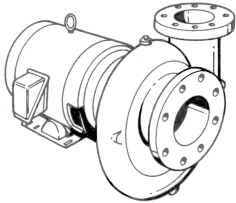
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



2-9SC

Marlow Series 530

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 [†]

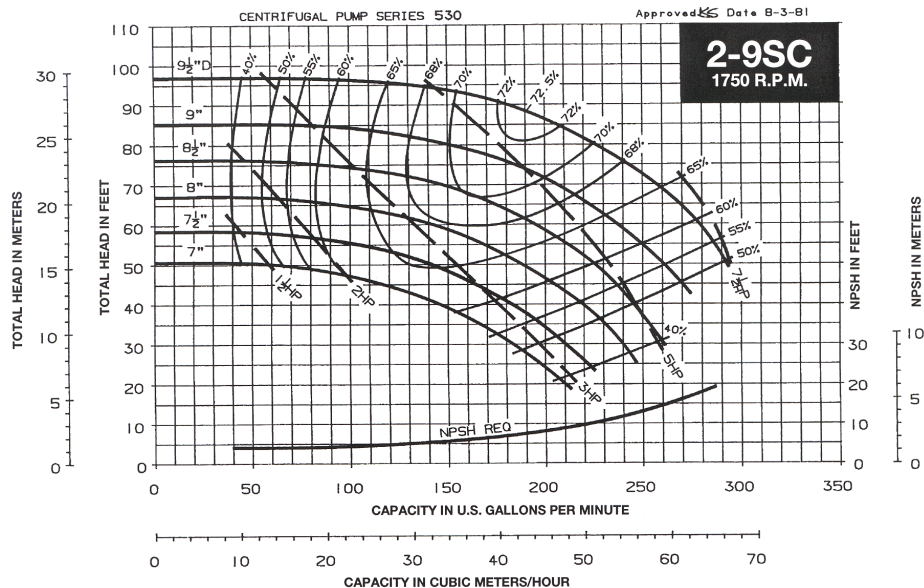
[†]All bronze not available in stuffing box configuration

MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

TYPE OF SEAL

- ☐ 530 Standard Seal
(Buna-Carbon/Ceramic)
- ☐ 530 -F Standard Seal w/ Flush Line
(Buna-Carbon/Ceramic)
- ☐ 530 -S Stuffing Box construction w/ Flushed Mechanical Single Seal
(EPR-Tungsten Carbide/Carbon)
- ☐ 530 -D Stuffing Box construction w/ Flushed Double Mechanical Seal
(EPR-Carbon/Ceramic)
Requires external water source
- ☐ 530 -PF Stuffing Box Construction
w/ Flushed Packing
(Graphite Impregnated Teflon)



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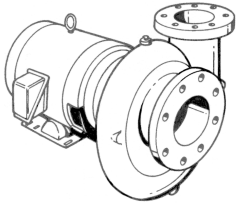
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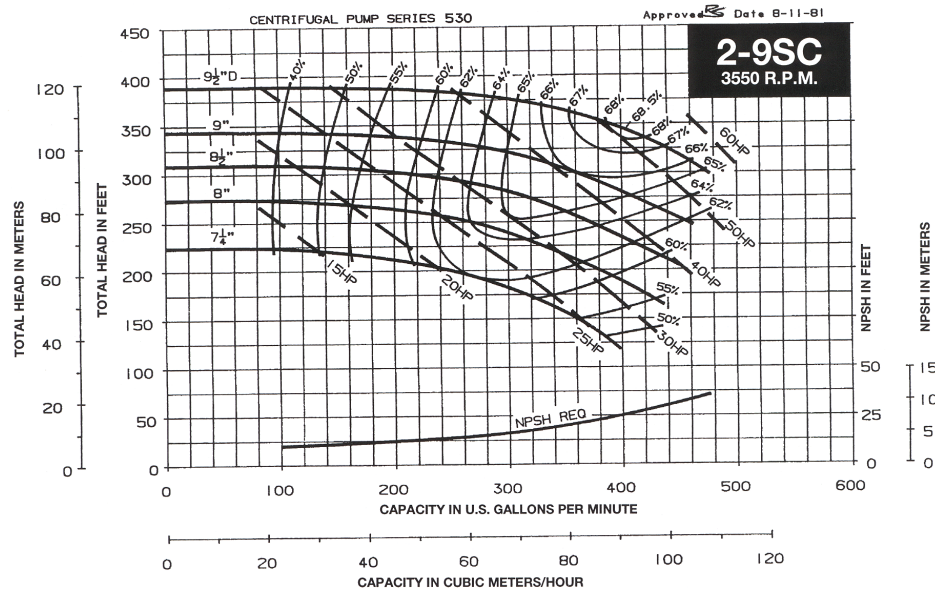
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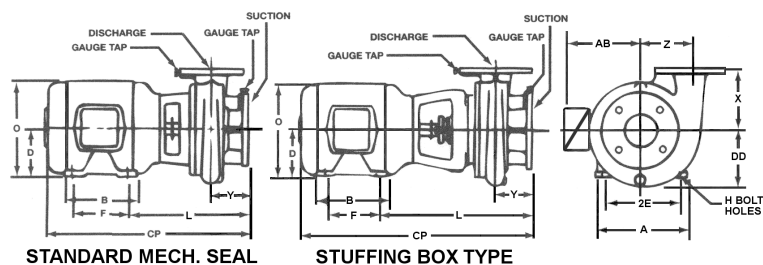
MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.
w/ 125# ANSI flange drilling

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- ☐ 530 -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
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Requires external water source
- ☐ 530 -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
2-9SC	2-1/2	6-7/8 (175)	7 (178)	4 (102)	5-7/8 (149)

125# ANSI FLANGE DIMENSIONS - INCHES (MM)				
PIPE SIZE OF FLANGE	O.D. OF FLANGE	DIA. OF BOLT CIRCLE	NO. OF BOLTS	SIZE OF BOLTS
2	6 (152)	4-3/4 (121)	4	5/8 (M14)
2-1/2	7 (178)	5-1/2 (140)	4	5/8 (M14)

DIMENSIONS - Inches (mm)

STANDARD SEAL

MOTOR FRAME	A (Max)	AB (Max)	B (Max)	CP (Max)	D	2E	F	H	L	O (Max)
145JM	7 (178)	7 (178)	6 (152)	19-7/8 (505)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	11-5/8 (295)	7-1/4 (184)
182JM	9 (229)	8-1/2 (216)	6-1/2 (165)	23-3/4 (603)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	12-3/8 (314)	9-3/8 (238)
184JM	9 (229)	8-1/2 (216)	7-1/2 (190)	23-3/4 (603)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	12-3/8 (314)	9-3/8 (238)
213JM	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	25 (635)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	13-1/4 (337)	11-1/8 (283)
215JM	10-1/2 (267)	10-3/4 (273)	9 (229)	26-1/2 (673)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	13-1/4 (337)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	33-1/4 (845)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	17-5/8 (448)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	35 (889)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	17-5/8 (448)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	34-1/2 (876)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	17-5/8 (448)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	36 (914)	7 (178)	11 (279)	11 (279)	17/32 (13)	17-5/8 (448)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	37-1/2 (952)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	18-1/8 (460)	17 (432)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	39 (991)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	18-1/8 (460)	17 (432)

STUFFING BOX

MOTOR FRAME	A (Max)	AB (Max)	B (Max)	CP (Max)	D	2E	F	H	L	O (Max)
145JP	7 (178)	7 (178)	6 (152)	23 (584)	3-1/2 (89)	5-1/2 (140)	5 (127)	11/32 (9)	14-3/4 (375)	7-1/4 (184)
182JP	9 (229)	8-1/2 (216)	6-1/2 (165)	25-7/8 (657)	4-1/2 (114)	7-1/2 (190)	4-1/2 (114)	13/32 (10)	15-1/2 (394)	9-3/8 (238)
184JP	9 (229)	8-1/2 (216)	7-1/2 (190)	25-7/8 (657)	4-1/2 (114)	7-1/2 (190)	5-1/2 (140)	13/32 (10)	15-1/2 (394)	9-3/8 (238)
213JP	10-1/2 (267)	10-3/4 (273)	7-1/2 (190)	28-7/8 (733)	5-1/4 (133)	8-1/2 (216)	5-1/2 (140)	13/32 (10)	17-1/8 (435)	11-1/8 (283)
215JP	10-1/2 (267)	10-3/4 (273)	9 (229)	30-3/8 (772)	5-1/4 (133)	8-1/2 (216)	7 (178)	13/32 (10)	17-1/8 (435)	11-1/8 (283)
254JP	12-1/2 (318)	10-3/4 (273)	10-3/4 (273)	33-1/4 (845)	6-1/4 (159)	10 (254)	8-1/4 (210)	17/32 (13)	17-5/8 (448)	13-1/8 (333)
256JP	12-1/2 (318)	10-3/4 (273)	12-1/2 (318)	35 (889)	6-1/4 (159)	10 (254)	10 (254)	17/32 (13)	17-5/8 (448)	13-1/8 (333)
284JP	14 (356)	12-5/8 (321)	12-1/2 (318)	34-1/2 (876)	7 (178)	11 (279)	9-1/2 (241)	17/32 (13)	17-5/8 (448)	15 (381)
286JP	14 (356)	12-5/8 (321)	14 (356)	36 (914)	7 (178)	11 (279)	11 (279)	17/32 (13)	17-5/8 (448)	15 (381)
324JP	16 (406)	15-1/8 (384)	14 (356)	37-1/2 (952)	8 (203)	12-1/2 (318)	10-1/2 (267)	21/32 (17)	18-1/8 (460)	17 (432)
326JP	16 (406)	15-1/8 (384)	15-1/2 (394)	39 (991)	8 (203)	12-1/2 (318)	12 (305)	21/32 (17)	18-1/8 (460)	17 (432)

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

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Let's Solve Water