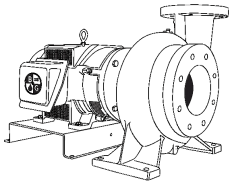
GOULDS WATER TECHNOLOGY
a xylem brand

SUBMITTAL

M-502.4

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



2-7D
Marlow Series e-531SC
Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE

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

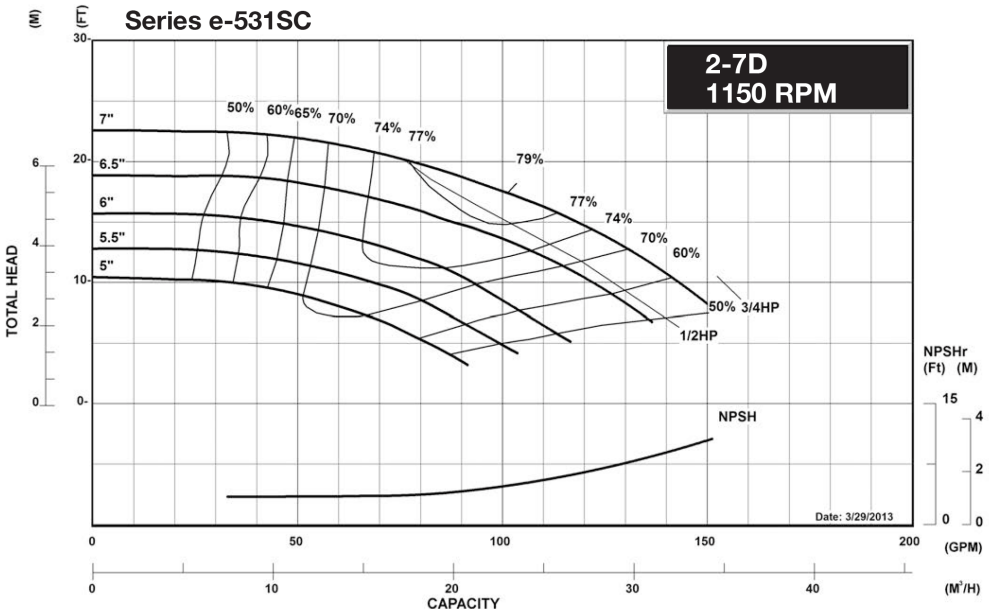
TYPE OF SEAL

☐ Standard Seal
(Buna-Carbon/Ceramic)

☐ -F Standard Seal w/ Flush Line
(Buna-Carbon/Ceramic)

☐ -S Stuffing Box Construction w/ Flushed
Mechanical Single Seal
EPR-Tungsten Carbide/Carbon)

☐ -PF Stuffing Box Construction
w/ Flushed Packing
(Graphite Impregnated Teflon)



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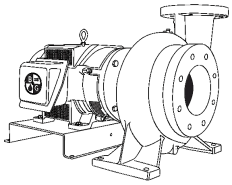

2-7D
Marlow Series e-531SC
Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

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ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE

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

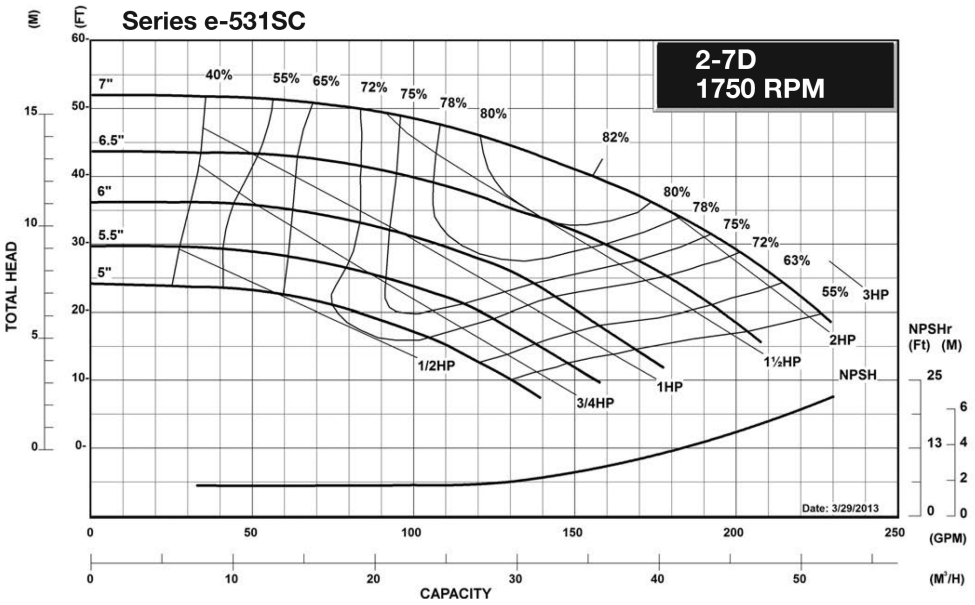
TYPE OF SEAL

☐ Standard Seal
(Buna-Carbon/Ceramic)

☐ -F Standard Seal w/ Flush Line
(Buna-Carbon/Ceramic)

☐ -S Stuffing Box Construction w/ Flushed
Mechanical Single Seal
EPR-Tungsten Carbide/Carbon)

☐ -PF Stuffing Box Construction
w/ Flushed Packing
(Graphite Impregnated Teflon)



GOULDS WATER TECHNOLOGY
a xylem brand

SUBMITTAL

M-502.4

JOB:	**REPRESENTATIVE:**	
UNIT TAG:	**ORDER NO.**	**DATE:**
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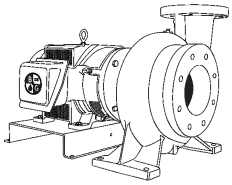


2-7D
Marlow Series e-531SC
Close-Coupled Centrifugal Pumps

SPECIFICATIONS

FLOW _____ HEAD _____

HP _____ RPM _____

VOLTS _____

CYCLE _____ PHASE _____

ENCLOSURE _____

APPROX. WEIGHT _____

SPECIALS _____

MATERIALS OF CONSTRUCTION

☒ Stainless Steel Fitted

MAXIMUM WORKING PRESSURE

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

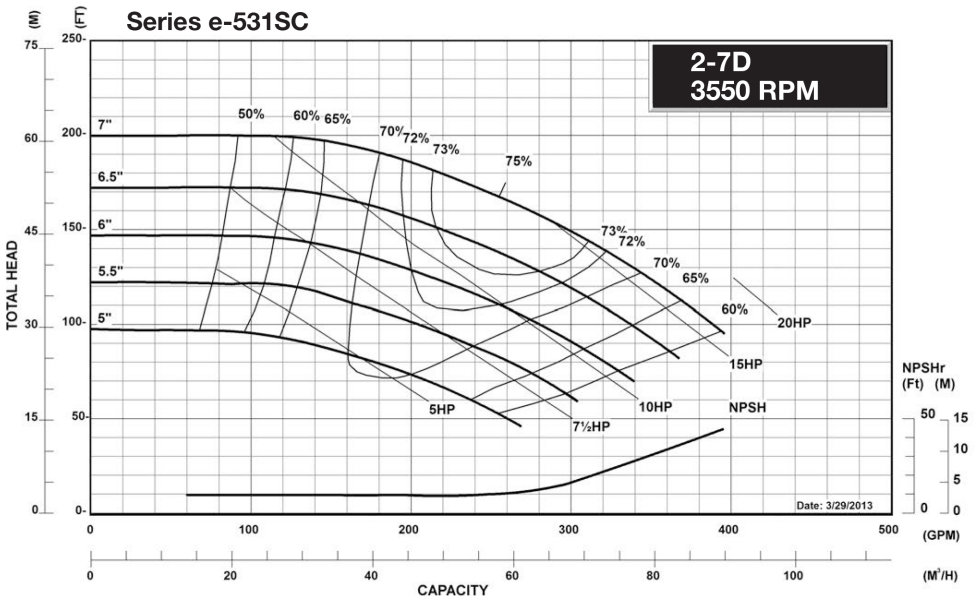
TYPE OF SEAL

☐ Standard Seal
(Buna-Carbon/Ceramic)

☐ -F Standard Seal w/ Flush Line
(Buna-Carbon/Ceramic)

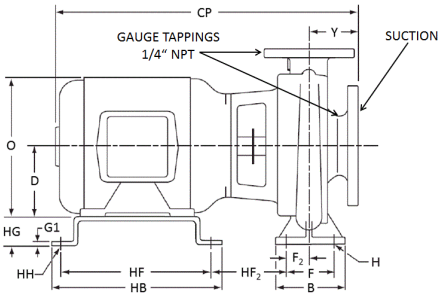
☐ -S Stuffing Box Construction w/ Flushed Mechanical Single Seal
EPR-Tungsten Carbide/Carbon)

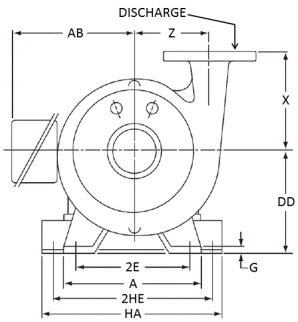
☐ -PF Stuffing Box Construction
w/ Flushed Packing
(Graphite Impregnated Teflon)



Marlow Series e-531SC 2-7D Centrifugal Pump Submittal

M-502.4





PUMP DIMENSIONS - INCHES (MM)		
X	Y	Z
6.50 (165)	3.50 (89)	4.75 (121)

FLANGE DIMENSIONS - INCHES (MM)						
125# ANSI FLAT FACE	NOMINAL PIPE SIZE	O.D.	THICKNESS	BOLT CIRCLE DIAMETER	NO. OF BOLTS	SIZE OF BOLTS
DISCHARGE	2	6.00 (152)	0.69 (18)	4.75 (121)	4	0.63 (16)
SUCTION	2.5	7.00 (178)	0.75 (19)	5.50 (140)	4	0.63 (16)

DIMENSIONS -INCHES (mm) **STANDARD SEAL**

MOTOR FRAME	A	AB	HB	CP MAX	D	HF	G	G1	H	HH	HA	F2	2E	2HE	HF2 MAX	B	F	O	HG	DD
143JM	8.00 (203)	7.00 (178)	10.88 (276)	19.38 (492)	3.50 (89)	9.63 (244)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	11.00 (279)	1.55 (39)	6.50 (165)	9.75 (248)	3.76 (96)	5.00 (127)	3.00 (76)	7.25 (184)	3.50 (89)	7.00 (178)
145JM	8.00 (203)	7.00 (178)	10.88 (276)	19.38 (492)	3.50 (89)	9.63 (244)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	11.00 (279)	1.55 (39)	6.50 (165)	9.75 (248)	3.76 (96)	5.00 (127)	3.00 (76)	7.25 (184)	3.50 (89)	7.00 (178)
182JM	8.00 (203)	8.50 (216)	10.50 (267)	22.25 (565)	4.50 (114)	9.25 (235)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	4.95 (126)	5.00 (127)	3.00 (76)	9.38 (238)	2.50 (64)	7.00 (178)
184JM	8.00 (203)	8.50 (216)	10.50 (267)	22.25 (565)	4.50 (114)	9.25 (235)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	4.95 (126)	5.00 (127)	3.00 (76)	9.38 (238)	2.50 (64)	7.00 (178)
213JM	8.00 (203)	10.75 (273)	12.00 (305)	24.38 (619)	5.25 (133)	10.75 (273)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	5.83 (148)	5.00 (127)	3.00 (76)	11.13 (283)	1.75 (44)	7.00 (178)
215JM	8.00 (203)	10.75 (273)	12.00 (305)	25.88 (657)	5.25 (133)	10.75 (273)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	5.83 (148)	5.00 (127)	3.00 (76)	11.13 (283)	1.75 (44)	7.00 (178)
254JM	8.00 (203)	10.75 (273)	15.50 (394)	29.88 (759)	6.25 (159)	14.25 (362)	1.63 (41)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	7.10 (180)	5.00 (127)	3.00 (76)	13.13 (333)	1.75 (44)	8.00 (203)
256JM	8.00 (203)	10.75 (273)	15.50 (394)	31.63 (804)	6.25 (159)	14.25 (362)	1.63 (41)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	7.10 (180)	5.00 (127)	3.00 (76)	13.13 (333)	1.75 (44)	8.00 (203)

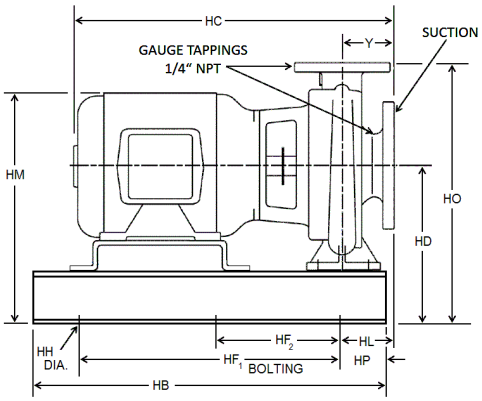
DIMENSIONS - INCHES (mm) **STUFFING BOX**

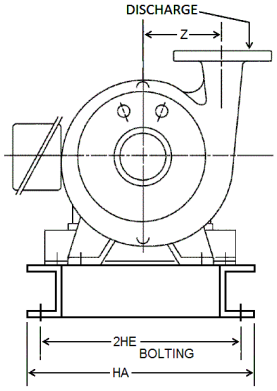
MOTOR FRAME	A	AB	HB	CP MAX	D	HF	G	G1	H	HH	HA	F2	2E	2HE	HF2 MAX	B	F	O	HG	DD
143JP	8.00 (203)	7.00 (178)	10.88 (276)	22.50 (572)	3.50 (89)	9.63 (244)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	11.00 (279)	1.55 (39)	6.50 (165)	9.75 (248)	6.89 (175)	5.00 (127)	3.00 (76)	7.25 (184)	3.50 (89)	7.00 (178)
145JP	8.00 (203)	7.00 (178)	10.88 (276)	22.50 (572)	3.50 (89)	9.63 (244)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	11.00 (279)	1.55 (39)	6.50 (165)	9.75 (248)	6.89 (175)	5.00 (127)	3.00 (76)	7.25 (184)	3.50 (89)	7.00 (178)
182JP	8.00 (203)	8.50 (216)	10.50 (267)	25.38 (645)	4.50 (114)	9.25 (235)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	8.08 (205)	5.00 (127)	3.00 (76)	9.38 (238)	2.50 (64)	7.00 (178)
184JP	8.00 (203)	8.50 (216)	10.50 (267)	25.38 (645)	4.50 (114)	9.25 (235)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	8.08 (205)	5.00 (127)	3.00 (76)	9.38 (238)	2.50 (64)	7.00 (178)
213JP	8.00 (203)	10.75 (273)	12.00 (305)	28.25 (718)	5.25 (133)	10.75 (273)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	9.70 (246)	5.00 (127)	3.00 (76)	11.13 (283)	1.75 (44)	7.00 (178)
215JP	8.00 (203)	10.75 (273)	12.00 (305)	29.75 (756)	5.25 (133)	10.75 (273)	0.63 (16)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	9.70 (246)	5.00 (127)	3.00 (76)	11.13 (283)	1.75 (44)	7.00 (178)
254JP	8.00 (203)	10.75 (273)	15.50 (394)	32.75 (832)	6.25 (159)	14.25 (362)	1.63 (41)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	9.95 (253)	5.00 (127)	3.00 (76)	13.13 (333)	1.75 (44)	8.00 (203)
256JP	8.00 (203)	10.75 (273)	15.50 (394)	34.50 (876)	6.25 (159)	14.25 (362)	1.63 (41)	0.19 (5)	0.63 (16)	0.50 (13)	13.63 (346)	1.55 (39)	6.50 (165)	12.50 (318)	9.95 (253)	5.00 (127)	3.00 (76)	13.13 (333)	1.75 (44)	8.00 (203)

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

Marlow Series e-531SC 2-7D Centrifugal Pump Submittal

M-502.4





PUMP DIMENSIONS - INCHES (MM)	
Y	Z
3.50 (89)	4.75 (121)

FLANGE DIMENSIONS - INCHES (MM)						
125# ANSI FLAT FACE	NOMINAL PIPE SIZE	O.D.	THICKNESS	BOLT CIRCLE DIAMETER	NO. OF BOLTS	SIZE OF BOLTS
DISCHARGE	2	6.00 (152)	0.69 (18)	4.75 (121)	4	0.63 (16)
SUCTION	2.5	7.00 (178)	0.75 (19)	5.50 (140)	4	0.63 (16)

DIMENSIONS - INCHES (mm) **STANDARD SEAL**

MOTOR FRAME	HA	HB	HC MAX	HD	2HE	HF1	HF2	HH	HL	HM MAX	HO	HP
143JM	12.00 (305)	28.75 (730)	19.38 (492)	9.75 (248)	10.25 (260)	22.50 (572)	-	0.75 (19)	3.56 (90)	13.50 (343)	16.25 (413)	3.00 (76)
145JM	12.00 (305)	28.75 (730)	19.38 (492)	9.75 (248)	10.25 (260)	22.50 (572)	-	0.75 (19)	3.56 (90)	13.50 (343)	16.25 (413)	3.00 (76)
182JM	14.63 (371)	31.00 (787)	22.25 (565)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	2.19 (56)	15.00 (381)	16.25 (413)	3.00 (76)
184JM	14.63 (371)	31.00 (787)	22.25 (565)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	2.19 (56)	15.00 (381)	16.25 (413)	3.00 (76)
213JM	14.63 (371)	31.00 (787)	24.38 (619)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	2.19 (56)	15.63 (397)	16.25 (413)	3.00 (76)
215JM	14.63 (371)	31.00 (787)	25.88 (657)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	2.19 (56)	15.63 (397)	16.25 (413)	3.00 (76)
254JM	14.63 (371)	34.63 (880)	29.88 (759)	10.75 (273)	12.88 (327)	28.63 (727)	-	0.75 (19)	2.19 (56)	17.63 (448)	17.25 (438)	3.00 (76)
256JM	14.63 (371)	39.38 (1000)	31.63 (804)	10.75 (273)	12.88 (327)	33.38 (847)	-	0.75 (19)	2.19 (56)	17.63 (448)	17.25 (438)	3.00 (76)

DIMENSIONS - INCHES (mm) **STUFFING BOX**

MOTOR FRAME	HA	HB	HC MAX	HD	2HE	HF1	HF2	HH	HL	HM MAX	HO	HP
143JP	12.00 (305)	28.75 (730)	22.50 (572)	9.75 (248)	10.25 (260)	22.50 (572)	-	0.75 (19)	2.19 (56)	13.50 (343)	16.25 (413)	3.00 (76)
145JP	12.00 (305)	28.75 (730)	22.50 (572)	9.75 (248)	10.25 (260)	22.50 (572)	-	0.75 (19)	2.19 (56)	13.50 (343)	16.25 (413)	3.00 (76)
182JP	14.63 (371)	31.00 (787)	25.38 (645)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	2.19 (56)	15.00 (381)	16.25 (413)	3.00 (76)
184JP	14.63 (371)	31.00 (787)	25.38 (645)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	2.19 (56)	15.00 (381)	16.25 (413)	3.00 (76)
213JP	14.63 (371)	31.00 (787)	28.25 (718)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	3.31 (84)	16.88 (429)	17.50 (445)	3.00 (76)
215JP	14.63 (371)	31.00 (787)	29.75 (756)	9.75 (248)	12.88 (327)	25.00 (635)	-	0.75 (19)	3.31 (84)	16.88 (429)	17.50 (445)	3.00 (76)
254JP	14.63 (371)	34.63 (880)	32.75 (832)	10.75 (273)	12.88 (327)	28.63 (727)	-	0.75 (19)	3.31 (84)	18.88 (479)	18.50 (470)	3.00 (76)
256JP	14.63 (371)	39.38 (1000)	34.50 (876)	10.75 (273)	12.88 (327)	33.38 (847)	-	0.75 (19)	3.31 (84)	18.88 (479)	18.50 (470)	3.00 (76)

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xylem
Let's Solve Water

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