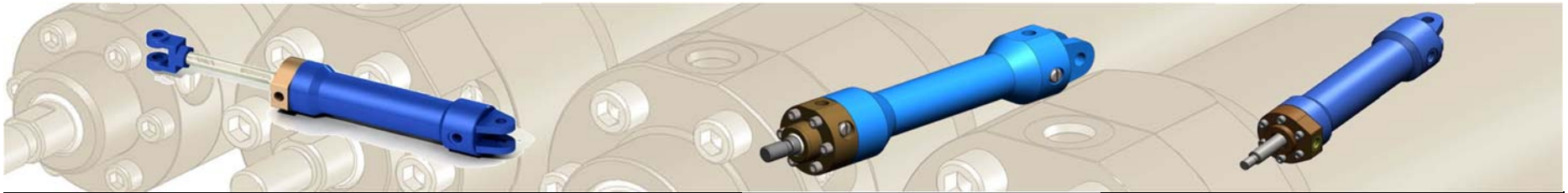


# SeaForce® Standard Subsea Cylinder Range

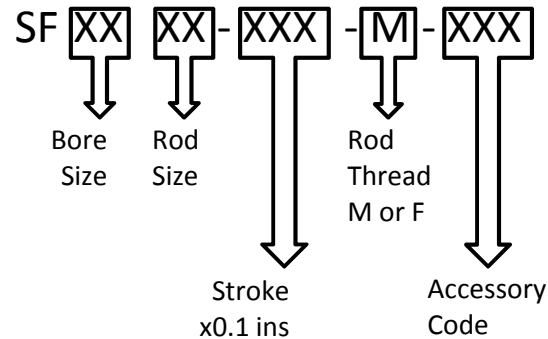
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Model Code	Bore Diameter (in)	Rod Sizes (in)	Working Pressure (psi/bar)	Rod Thread male UN	Rear Pin Dia (in)	Std. Port	Extend/Retract Force (kip)*	Area Ratio
SF0806	0.500	0.375	2400/165	¼-20	0.38	⅛"NPT	0.47/0.21	2.29
SF1208	0.750	0.500	2400/165	7/16-20	0.38	⅛"NPT	1.06/0.59	1.80
SF1610	1.000	0.625	3000/207	7/16-20	0.50	SAE-4	2.36/1.44	1.64
SF2010	1.250	0.625	3000/207	7/16-20	0.63	SAE-4	3.68/2.76	1.33
SF2216	1.375	1.000	3000/207	⅝-14	0.75	SAE-4	4.45/2.1	2.12
SF2410	1.500	0.625	3000/207	7/16-20	0.63	SAE-4	5.3/4.38	1.21
SF2416	1.500	1.000	3000/207	⅝-14	0.63	SAE-4	5.3/2.95	1.80
SF2820	1.750	1.250	3000/207	1-14	0.88	SAE-4	7.22/3.53	2.04
SF3216	2.000	1.000	3000/207	⅝-14	1.00	SAE-4	9.42/7.07	1.33
SF3220	2.000	1.250	3000/165	1-14	1.00	SAE-4	9.42/5.74	1.64
SF3222	2.000	1.375	3000/207	1¼-12	1.00	SAE-4	9.42/4.97	1.90
SF4016	2.500	1.000	3000/207	⅝-14	1.38	SAE-6	14.73/12.37	1.19
SF4022	2.500	1.375	3000/207	1¼-12	1.38	SAE-6	14.73/10.27	1.43
SF4028	2.500	1.750	3000/207	1½-12	1.38	SAE-6	14.73/7.51	1.96

Model Code  
(Inch Series)

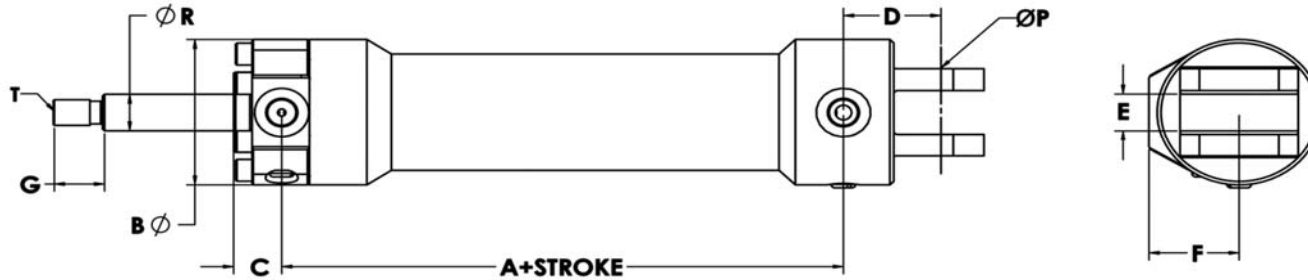


Information provided is nominal and subject to change - Contact MIB Engineers for Prices and full dimensional drawings

# SeaForce<sup>®</sup> Standard Subsea Cylinder Range

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## Standard Range Dimensions (Inches)



Model Code	A	ØB	C	D	E	F	G	ØP	ØR	T	Weight in Air (lbs)*	
											Basic	Add/in stroke
SF0806	2.24	1.80	0.94	1.13	0.50	0.88	0.63	0.375	0.375	¼-20	1.31	0.072
SF1208	2.06	1.94	0.94	1.13	0.50	0.91	0.75	0.375	0.500	7/16-20	1.48	0.135
SF1610	2.66	2.63	0.75	1.63	0.94	1.37	0.75	0.625	0.625	7/16-20	3.38	0.250
SF2010	2.66	2.63	0.75	1.63	0.94	1.37	0.75	0.625	0.625	7/16-20	3.29	0.321
SF2216	3.44	3.13	1.27	1.62	1.13	1.44	1.13	0.750	1.000	¾-14	6.23	0.473
SF2410	0.56	2.50	0.70	1.50	0.63	1.38	0.75	0.625	0.625	7/16-20	3.15	0.266
SF2416	0.56	2.50	0.70	1.50	0.63	1.38	1.13	0.625	1.000	¾-14	3.22	0.360
SF2820	3.41	3.50	0.94	1.88	1.00	1.69	1.63	0.875	1.250	1-14	7.99	0.759
SF3216	3.23	3.25	0.83	3.10	1.27	1.62	1.13	1.000	1.000	¾-14	7.80	0.400
SF3220	3.23	3.25	0.83	3.10	1.27	1.62	1.63	1.000	1.250	1-14	8.58	0.575
SF3222	3.23	3.25	0.83	3.10	1.27	1.62	1.63	1.000	1.375	1¼-12	8.97	0.597
SF4016	5.22	4.98	1.44	4.13	2.00	2.49	1.13	1.375	1.000	¾-14	25.81	1.077
SF4022	5.22	4.98	1.44	4.13	2.00	2.49	1.63	1.375	1.375	1¼-12	26.86	1.274
SF4028	5.22	4.98	1.44	4.13	2.00	2.49	2.00	1.375	1.750	1½-12	27.87	1.533

### Mounting Options:

Male Rod Threads (standard)  
Female Rod Thread  
Rear Trunnion  
Body Trunnion  
Rear Flange  
Rear Eye

### Port Options:

SAE 'O' Ring Boss (standard SF16 to 40)  
NPT (standard on SF08 to 12)  
BSP 'O' Ring Face Seal (ISO)

### Other Accessories and options:

Front and Rear Spherical Bearings  
Rod Position Sensor  
Water based fluid compatibility  
Stainless Steel Rod Eye or Clevis  
Rod Anodes  
Long Stroke Options

\*Weights are for design guidance with cylinders empty and with no rear pin or rod connection hardware

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