

SFC SERIES

Single-Acting Low Flat Cylinders



Capacity: 10 - 150 tons

Stroke: 0.44 - 0.63 inch

Max. Pressure: 10,000 psi

Pump Selection

Selection appropriate pumps for offer optimum combination. For details, please refer to the section " hydraulic pumps ".

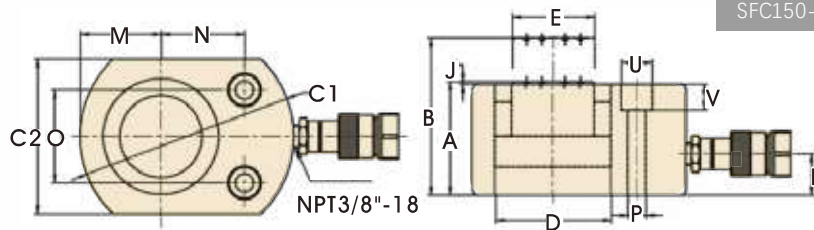


Features

- Flat design used in confined spaces.
- Single-acting, spring return.
- No saddle required with grooved plunger end.
- Two plunger threads on grooved plunger end for particular needs.
- Special painted surface to increase corrosion resistance.
- Easy carrying with handles on some models (Capacity over 75tons).
- All models include quick coupling and dust cap.
- Customizable with special requirement.

Mounting Hole Dimensions

Model Number	Bolt Circle	Hole Dia.	Counter Bore Dia.	Counter bore Depth
	O	P	U	V
	(inch)	(inch)	(inch)	(inch)
SFC10-11	1.45	0.28	0.42	0.30
SFC20-12	1.95	0.40	0.60	0.40
SFC30-13	2.05	0.40	0.63	0.44
SFC50-16	2.62	0.43	0.75	0.50
SFC75-16	3.00	0.53	0.80	0.56
SFC100-16	3.00	0.53	0.80	0.56
SFC150-16	4.62	0.53	0.80	0.56



Cylinder Capacity	Stroke	Model Number	Oil Capacity	Collapsed Height	Extend Height	Outside Dia.	Cylinder Bore Dia.	Plunger Dia.	Base to Advance Port	Saddle Protrusion from Plunger	Plunger to Base	Plunger to Mounting Hole	Weight
				A	B								
ton (max.)	(inch)		(in ³)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(lbs)
10 (10.1)	0.44	SFC10-11	1.1	1.73	2.17	3.27 X 2.36	1.77	1.38	0.90	0.04	1.25	1.34	3
20 (20.1)	0.44	SFC20-12	2.3	2.05	2.52	4.02 X 3.15	2.48	1.97	0.90	0.04	1.60	1.54	5
30 (29.5)	0.50	SFC30-13	3.6	2.28	2.80	4.61 X 3.82	3.00	2.36	0.90	0.04	1.90	1.85	9
50 (54.9)	0.63	SFC50-16	7.6	2.64	3.27	5.91 X 4.92	3.95	3.15	0.90	0.04	2.48	2.36	16
75 (71.8)	0.63	SFC75-16	11.4	3.10	3.78	6.97 X 5.98	4.80	3.95	0.83	0.04	3.00	2.87	28
100 (88.7)	0.63	SFC100-16	15.0	3.43	4.06	7.99 X 7.05	5.50	4.40	0.90	0.04	3.52	3.31	34
150 (138.6)	0.63	SFC150-16	22.6	3.86	4.50	9.29 X 8.35	6.70	5.70	0.98	0.08	4.17	3.62	63