

SLC SERIES

Single-Acting Low Profile Cylinders



Capacity: 10-150 tons

Stroke: 1.5-3.15 inch

Max. Pressure: 10,000 psi

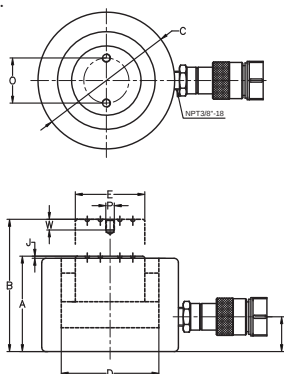
Pump Selection

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



Features

- Low profile design, fit in narrow application area.
- No saddle required with grooved plunger end.
- Two plunger threads on grooved plunger end for particular needs.
- Single-acting, spring return.
- Special painted surface to increase corrosion resistance.
- Easy carrying with handles on some models (Capacity over 50tons).
- All models include quick coupling and dust cap.



Mounting Hole Dimensions

Model Number	Bolt Circle	Thread	Thread Depth
	O	P	W
	(inch)		(inch)
SLC10-38	1.02	M4	0.30
SLC20-45	1.54	M5	0.30
SLC30-64	1.54	M5	0.30
SLC50-60	1.54	M5	0.30
SLC75-50	2.17	M8	0.40
SLC100-57	2.17	M8	0.40
SLC150-51	2.17	M8	0.40
SLC150-80	2.17	M8	0.40

Cylinder Capacity	Stroke	Model Number	Oil Capacity	Collapsed Height	Cylinder effective Area	Extend Height	Outside Dia.	Cylinder Bore Dia.	Plunger Dia.	Base to Advance Port	Saddle Protrusion from Plunger	Weight
				A	in 2	B	C	D	E	F	J	
(ton)	(inch)		(inch ³)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(lbs)
10 (10.1)	1.5	SLC10-38	3.7	3.46	2.33	4.96	3.07	1.77	1.38	0.75	0.08	9
20 (20.1)	1.75	SLC20-45	8.5	3.82	4.8	5.59	3.78	2.48	1.97	0.75	0.08	15
30 (29.5)	2.52	SLC30-64	17.7	4.61	6.98	7.13	4.29	3	2.36	0.75	0.08	22
50 (54.9)	1.97	SLC50-60	28.7	4.57	12.09	6.54	4.76	3.95	3.15	0.83	0.08	42
75 (71.8)	1.97	SLC75-50	35.6	4.57	17.98	6.54	6.1	4.8	3.94	0.83	0.08	49
100 (88.7)	2.25	SLC100-57	53.5	5.55	23.72	7.8	7	5.5	4.4	1.22	0.08	54
150 (138.6)	2.01	SLC150-51	72.3	5.55	35.96	7.56	8.46	6.7	5.7	1.1	0.08	93
150 (138.6)	3.15	SLC150-80	113.5	6.7	35.96	9.84	8.46	6.7	5.7	1.1	0.08	110