

# SLL SERIES Single-Acting Low Profile Lock-Nut Cylinders



Capacity: 60-520 tons  
 Stroke: 1.77-1.97inch  
 Max. Pressure: 10,000psi

### Pump Selection

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



### Hoses

Select API high quality high pressure hoses. For details, please refer to the section " hydraulic components ".



### Longer Stroke Lock-Nut Cylinders

For longer stroke applications SHTL-Series Lock-Nut Cylinders are the perfect choice.



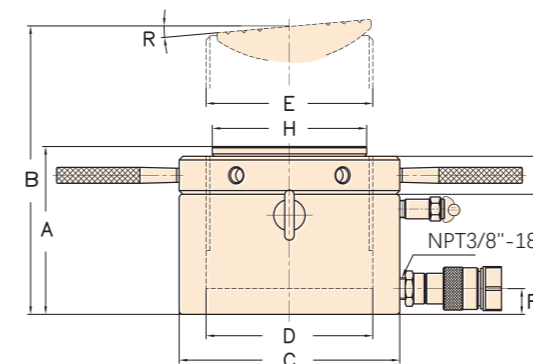
### Integrated Tilt Saddles

ALL SLL-Series cylinders include integral tilt saddles with maximum tilt angles up to 5° .



## Features

- Single-acting, load return.
- Low profile design, fit in narrow application area.
- Special painted surface to increase corrosion resistance.
- Lock nut ensure the safety of long time load holding.
- All models include quick couplings ( NPT3/8" -18 ) and dust-proof cap.
- Overflow port function could limit the stroke.
- Removable hardened grooved saddles.
- Customizable with special requirement.



Cylinder Capacity	Stroke	Model Number	Cylinder Effective Area	Oil Capacity	Collapsed Height		Outside Dia.	Cylinder Bore Diameter	Plunger Diameter (Thread)	Base to Advance Port	Saddle Diameter	Saddle Max. Tilt Angle	Lock Nut Height	Weight
					A	B								
ton ( Max. )	( inch )		( in <sup>2</sup> )	( in <sup>3</sup> )	( inch )	( inch )	( inch )	( inch )	( mm )	( inch )	( inch )	( inch )	( inch )	( lbs )
60 ( 60.6 )	1.97	SLL60-50	13.67	26.36	4.92	6.89	5.51	4.17	Tr104x4	0.75	3.78	4°	1.10	33
100 ( 102.7 )	1.97	SLL100-50	22.83	44.79	5.51	7.36	7.09	5.39	Tr136x6	0.83	4.96	4°	1.22	60
160 ( 161.9 )	1.77	SLL160-45	35.99	63.46	5.83	7.60	8.82	6.77	Tr171x6	1.06	6.30	4°	1.57	100
200 ( 199.9 )	1.77	SLL200-45	44.27	78.42	6.10	7.87	9.65	7.51	Tr190x6	1.18	7.09	4°	1.69	126
260 ( 256.7 )	1.77	SLL250-45	56.76	100.69	6.26	8.03	10.83	8.50	Tr215x6	1.26	7.87	4°	1.73	163
400 ( 391.6 )	1.77	SLL400-45	88.71	153.60	7.01	8.78	13.78	10.63	Tr266x6	1.61	9.88	4°	2.17	295
520 ( 511.4 )	1.77	SLL500-45	113.18	200.59	7.56	9.33	15.75	12.01	Tr304x6	1.89	11.38	3°	2.44	414