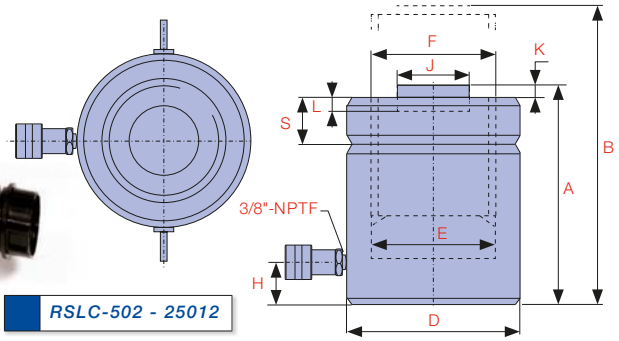
THE **RSLC-SERIES** IS A SINGLE ACTING LOAD RETURN HIGH TONNAGE LOCKING COLLAR CYLINDER.

It is a design that features a threaded piston rod and lock ring. When the lock ring is screwed down and engaged with the cylinder body, the load can be held mechanically for extended periods. These cylinders are ideally suited to bridge construction and maintenance and jacking applications requiring safe extended load holding. All RSLC-Series cylinders feature a hard chrome bore for maximum corrosion resistance and a special coating on the piston rod and lock ring to resist corrosion and abrasion. Hardened removable load caps are standard and TSX tilt saddles are optional. An oil overflow port which restricts piston stroke is standard on all models. Durapac can also offer RDLC-Series double acting locking collar cylinders where oil retraction is preferred.



Model Number	Cylinder Capacity ton* / max.		Stroke (in)	Cylinder Effective Area (in^2)	Oil Capacity (in^3)	A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)	F Piston Rod Diameter (mm)**
RSLC-502	50	55.8	1.97	10.99	21.66	6.46	8.43	4.92	3.74	TR95 x 4
RSLC-504		55.8	3.94	10.99	43.27	8.43	12.36	4.92	3.74	TR95 x 4
RSLC-506		55.8	5.91	10.99	64.93	10.39	16.30	4.92	3.74	TR95 x 4
RSLC-508		55.8	7.87	10.99	86.53	12.36	20.24	4.92	3.74	TR95 x 4
RSLC-5010		55.8	9.84	10.99	108.19	14.33	24.17	4.92	3.74	TR95 x 4
RSLC-5012		55.8	11.81	10.99	129.80	16.30	28.11	4.92	3.74	TR95 x 4
RSLC-1002	100	104.4	1.97	20.57	40.52	7.36	9.33	6.50	5.12	TR130 x 6
RSLC-1004		104.4	3.94	20.57	80.98	9.33	13.27	6.50	5.12	TR130 x 6
RSLC-1006		104.4	5.91	20.57	121.50	11.30	17.20	6.50	5.12	TR130 x 6
RSLC-1008		104.4	7.87	20.57	161.96	13.27	21.14	6.50	5.12	TR130 x 6
RSLC-10010		104.4	9.84	20.57	202.48	15.24	25.08	6.50	5.12	TR130 x 6
RSLC-10012		104.4	11.81	20.57	242.93	17.20	29.02	6.50	5.12	TR130 x 6
RSLC-1502	150	156.3	1.97	30.78	60.60	8.23	10.20	8.07	6.26	TR159 x 6
RSLC-1504		156.3	3.94	30.78	121.19	10.20	14.13	8.07	6.26	TR159 x 6
RSLC-1506		156.3	5.91	30.78	181.79	12.17	18.07	8.07	6.26	TR159 x 6
RSLC-1508		156.3	7.87	30.78	242.39	14.13	22.01	8.07	6.26	TR159 x 6
RSLC-15010		156.3	9.84	30.78	302.98	16.10	25.94	8.07	6.26	TR159 x 6
RSLC-15012		156.3	11.81	30.78	363.58	18.07	29.88	8.07	6.26	TR159 x 6

* Nominal Cylinder Capacity in ton - see max. values for actual capacity
** TR is a metric trapezoidal thread

LOW FRICTION COATING
on piston rod and lock nut enhances corrosion resistance

HARDENED GROOVED LOAD CAP
to prevent piston rod damage. Optional tilt saddles available

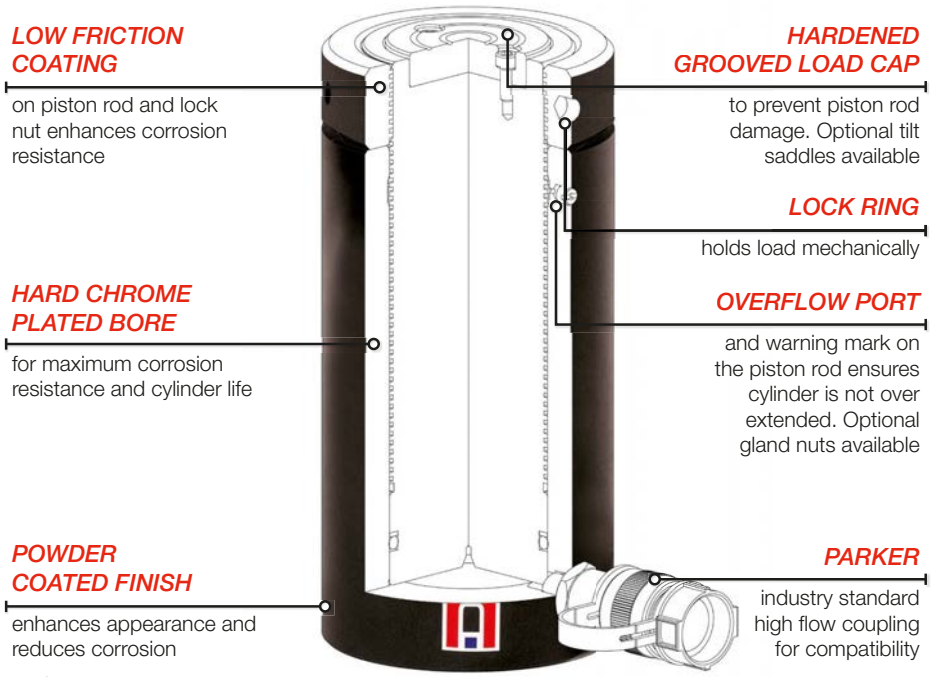
LOCK RING
holds load mechanically

HARD CHROME PLATED BORE
for maximum corrosion resistance and cylinder life

OVERFLOW PORT
and warning mark on the piston rod ensures cylinder is not over extended. Optional gland nuts available

POWDER COATED FINISH
enhances appearance and reduces corrosion

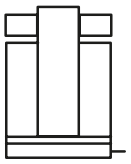
PARKER
industry standard high flow coupling for compatibility



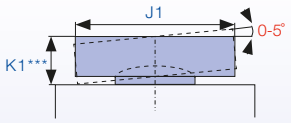
CAPACITY RANGE
50 - 1,000 ton

STROKE RANGE
1.97 - 11.81 in

MAXIMUM OPERATING PRESSURE
10,150 psi



Optional DURAJET for fast retraction of load return cylinders. Consult Durapac



H Base to Advance Port (in)	J Standard Load Cap Diameter (in)	K Load Cap Protrusion from Piston Rod (in)	L Depth of Piston Rod Hole (in)	S Lock Ring Height (in)	Weight (lbs)	Optional Tilt Saddle			Model Number	Handle Type
						Model Number	J1 Diameter (in)	K1*** Height (in)		
1.18	2.80	0.08	0.51	1.42	33.1	TSX-100	2.80	0.94	RSLC-502	♦
1.18	2.80	0.08	0.51	1.42	44.1	TSX-100	2.80	0.94	RSLC-504	♦
1.18	2.80	0.08	0.51	1.42	55.1	TSX-100	2.80	0.94	RSLC-506	♦
1.18	2.80	0.08	0.51	1.42	66.2	TSX-100	2.80	0.94	RSLC-508	♦
1.18	2.80	0.08	0.51	1.42	77.2	TSX-100	2.80	0.94	RSLC-5010	♦
1.18	2.80	0.08	0.51	1.42	88.2	TSX-100	2.80	0.94	RSLC-5012	♦
1.18	2.80	0.08	0.51	1.73	66.2	TSX-100	2.80	0.94	RSLC-1002	♦
1.18	2.80	0.08	0.51	1.73	86.0	TSX-100	2.80	0.94	RSLC-1004	♦
1.18	2.80	0.08	0.51	1.73	105.8	TSX-100	2.80	0.94	RSLC-1006	♦
1.18	2.80	0.08	0.51	1.73	123.5	TSX-100	2.80	0.94	RSLC-1008	♦
1.18	2.80	0.08	0.51	1.73	141.1	TSX-100	2.80	0.94	RSLC-10010	♦
1.18	2.80	0.08	0.51	1.73	161.0	TSX-100	2.80	0.94	RSLC-10012	♦
1.54	5.12	0.08	0.98	1.73	116.9	TSX-200	5.12	0.79	RSLC-1502	♦
1.54	5.12	0.08	0.98	1.73	145.5	TSX-200	5.12	0.79	RSLC-1504	♦
1.54	5.12	0.08	0.98	1.73	172.0	TSX-200	5.12	0.79	RSLC-1506	♦
1.54	5.12	0.08	0.98	1.73	202.9	TSX-200	5.12	0.79	RSLC-1508	♦
1.54	5.12	0.08	0.98	1.73	229.3	TSX-200	5.12	0.79	RSLC-15010	♦
1.54	5.12	0.08	0.98	1.73	258.0	TSX-200	5.12	0.79	RSLC-15012	♦

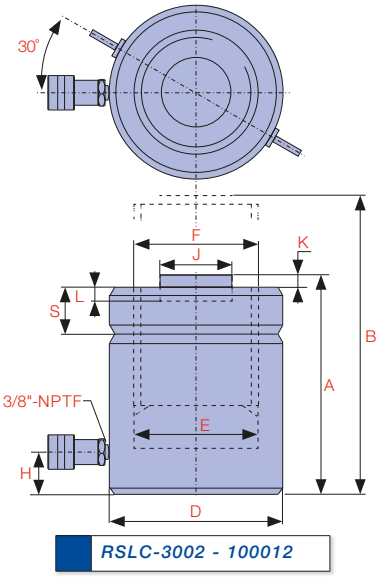
HANDLE TYPE: ♦ EYEBOLT

*** Total cylinder collapsed height with optional tilt saddle equals (dim. A - dim. K + dim. K1)

RSLC SERIES

DURAPAC

SINGLE ACTIING HIGH TONNAGE LOCKING COLLAR CYLINDERS



RSLC-3002 - 100012

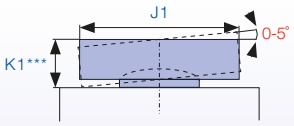
RPLC-Series pancake locking collar cylinders are perfect for applications that require sustained load holding in a compact low height package

Model Number	Cylinder Capacity ton* / max.		Stroke (in)	Cylinder Effective Area (in^2)	Oil Capacity (in^3)	A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)	F Piston Rod Diameter (in)**
RSLC-2002	200	209.0	1.97	41.17	81.16	9.57	11.54	9.25	7.24	TR184 x 6
RSLC-2006		209.0	5.91	41.17	243.42	13.50	19.41	9.25	7.24	TR184 x 6
RSLC-20012		209.0	11.81	41.17	487.88	19.41	31.22	9.25	7.24	TR184 x 6
RSLC-2502	250	288.0	1.97	56.75	111.80	9.80	11.77	10.83	8.50	TR216 x 6
RSLC-2506		288.0	5.91	56.75	335.39	13.74	19.65	10.83	8.50	TR216 x 6
RSLC-25012		288.0	11.81	56.75	669.80	19.65	31.46	10.83	8.50	TR216 x 6
RSLC-3002	300	358.9	1.97	70.71	139.19	11.61	13.58	12.20	9.49	TR241 x 6
RSLC-3006		358.9	5.91	70.71	417.58	15.55	21.46	12.20	9.49	TR241 x 6
RSLC-30012		358.9	11.81	70.71	838.46	21.46	33.27	12.20	9.49	TR241 x 6
RSLC-4002	400	440.5	1.97	86.78	170.87	13.19	15.16	13.78	10.51	TR266 x 6
RSLC-4006		440.5	5.91	86.78	512.54	17.13	23.03	13.78	10.51	TR266 x 6
RSLC-40012		440.5	11.81	86.78	1,025.20	23.03	34.84	13.78	10.51	TR266 x 6
RSLC-5002	500	575.2	1.97	113.32	222.92	14.76	16.73	15.75	12.01	TR305 x 6
RSLC-5006		575.2	5.91	113.32	669.25	18.70	24.61	15.75	12.01	TR305 x 6
RSLC-50012		575.2	11.81	113.32	1,338.25	24.61	36.42	15.75	12.01	TR305 x 6
RSLC-6002	600	672.6	1.97	132.49	261.00	15.55	17.52	16.93	12.99	TR330 x 6
RSLC-6006		672.6	5.91	132.49	782.93	19.49	25.39	16.93	12.99	TR330 x 6
RSLC-60012		672.6	11.81	132.49	1,565.26	25.39	37.20	16.93	12.99	TR330 x 6
RSLC-8002	800	926.0	1.97	182.42	358.94	17.91	19.88	19.88	15.24	TR387 x 6
RSLC-8006		926.0	5.91	182.42	1,076.76	21.85	27.76	19.88	15.24	TR387 x 6
RSLC-80012		926.0	11.81	182.42	2,158.41	27.76	39.57	19.88	15.24	TR387 x 6
RSLC-10002	1000	1,153.8	1.97	227.29	447.24	19.49	21.46	22.05	17.01	TR432 x 6
RSLC-10006		1,153.8	5.91	227.29	1,341.67	23.43	29.33	22.05	17.01	TR432 x 6
RSLC-100012		1,153.8	11.81	227.29	2,683.82	29.33	41.14	22.05	17.01	TR432 x 6

* Nominal Cylinder Capacity in ton - see max. values for actual capacity
** TR is a metric trapezoidal thread

Durapac offer a wide range of pump options: electric / air / gasoline / diesel / manual

Durapac offer a base attachment to suit the RSLC-Series cylinders. Refer to Cylinder Accessories for more details



H Base to Advance Port (in)	J Standard Load Cap Diameter (in)	K Load Cap Protrusion from Piston Rod (in)	L Depth of Piston Rod Hole (in)	S Lock Ring Height (in)	Weight (lbs)	Optional Tilt Saddle			Model Number	Handle Type
						Model Number	J1 Diameter (in)	K1*** Height (in)		
1.97	5.12	0.08	0.98	1.97	183.0	TSX-200	5.12	0.79	RSLC-2002	♦
1.97	5.12	0.08	0.98	1.97	258.0	TSX-200	5.12	0.79	RSLC-2006	♦
1.97	5.12	0.08	0.98	1.97	374.9	TSX-200	5.12	0.79	RSLC-20012	♦
1.97	5.91	0.08	0.98	2.20	255.8	TSX-250	5.91	0.83	RSLC-2502	♦
1.97	5.91	0.08	0.98	2.20	357.2	TSX-250	5.91	0.83	RSLC-2506	♦
1.97	5.91	0.08	0.98	2.20	516.0	TSX-250	5.91	0.83	RSLC-25012	♦
2.32	5.47	0.20	0.98	2.36	381.5	TSX-300	7.68	2.95	RSLC-3002	♦
2.32	5.47	0.20	0.98	2.36	513.8	TSX-300	7.68	2.95	RSLC-3006	♦
2.32	5.47	0.20	0.98	2.36	712.2	TSX-300	7.68	2.95	RSLC-30012	♦
2.76	6.26	0.20	0.98	2.76	551.3	TSX-400	8.86	3.35	RSLC-4002	♦
2.76	6.26	0.20	0.98	2.76	721.0	TSX-400	8.86	3.35	RSLC-4006	♦
2.76	6.26	0.20	0.98	2.76	972.4	TSX-400	8.86	3.35	RSLC-40012	♦
3.15	7.05	0.20	0.98	3.15	809.2	TSX-500	9.84	3.58	RSLC-5002	♦
3.15	7.05	0.20	0.98	3.15	1,027.5	TSX-500	9.84	3.58	RSLC-5006	♦
3.15	7.05	0.20	0.98	3.15	1,360.5	TSX-500	9.84	3.58	RSLC-50012	♦
3.35	7.64	0.20	0.98	3.35	983.4	TSX-600	10.83	3.78	RSLC-6002	♦
3.35	7.64	0.20	0.98	3.35	1,239.2	TSX-600	10.83	3.78	RSLC-6006	♦
3.35	7.64	0.20	0.98	3.35	1,625.1	TSX-600	10.83	3.78	RSLC-60012	♦
3.94	8.82	0.20	0.98	3.94	1,563.3	TSX-800	12.60	4.84	RSLC-8002	♦
3.94	8.82	0.20	0.98	3.94	1,918.4	TSX-800	12.60	4.84	RSLC-8006	♦
3.94	8.82	0.20	0.98	3.94	2,447.6	TSX-800	12.60	4.84	RSLC-80012	♦
4.33	9.80	0.20	0.98	4.33	2,092.5	TSX-1000	14.17	5.35	RSLC-10002	♦
4.33	9.80	0.20	0.98	4.33	2,515.9	TSX-1000	14.17	5.35	RSLC-10006	♦
4.33	9.80	0.20	0.98	4.33	3,153.2	TSX-1000	14.17	5.35	RSLC-100012	♦

HANDLE TYPE: ♦ EYEBOLT

*** Total cylinder collapsed height with optional tilt saddle equals (dim. A - dim. K + dim. K1)