RSH SERIES

DURAPAC

SINGLE ACTING HIGH TONNAGE CYLINDERS

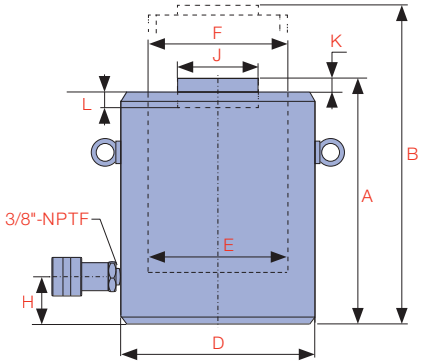
RSH-1004

RSH-1502

EXCEEDS ANSI/ASME B30.1 SAFETY STANDARDS

THE **RSH-SERIES** IS A SINGLE ACTING LOAD RETURN HIGH TONNAGE CYLINDER OFFERING THE LOWEST COLLAPSED HEIGHT.

They are ideally suited for use in civil construction, heavy jacking and other high load applications in confined spaces. These cylinders feature a hard chrome cylinder bore and piston rod for maximum corrosion resistance and bronze overlay piston bearing area to resist side load induced damage. A removable grooved load cap and oil overflow port which restricts piston stroke are standard on all models. TSX tilt saddles are optional. All cylinders in this range have side mounted eye bolts for lifting and positioning.



RSH-502 - 15012

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)
RSH-502	50	55.8	1.97	10.97	21.66	5.04	7.01	4.92	3.74	3.74
RSH-504		55.8	3.94	10.97	43.27	7.01	10.94	4.92	3.74	3.74
RSH-506		55.8	5.91	10.97	64.93	8.98	14.88	4.92	3.74	3.74
RSH-508		55.8	7.87	10.97	86.53	10.94	18.82	4.92	3.74	3.74
RSH-5010		55.8	9.84	10.97	108.19	12.87	22.72	4.92	3.74	3.74
RSH-5012		55.8	11.81	10.97	129.80	14.88	26.69	4.92	3.74	3.74
RSH-1002	100	104.4	1.97	20.57	40.52	5.63	7.60	6.50	5.12	5.12
RSH-1004		104.4	3.94	20.57	80.98	7.60	11.54	6.50	5.12	5.12
RSH-1006		104.4	5.91	20.57	121.50	9.57	15.47	6.50	5.12	5.12
RSH-1008		104.4	7.87	20.57	161.96	11.54	19.41	6.50	5.12	5.12
RSH-10010		104.4	9.84	20.57	202.48	13.50	23.35	6.50	5.12	5.12
RSH-10012		104.4	11.81	20.57	242.93	15.43	27.24	6.50	5.12	5.12
RSH-1502	150	156.2	1.97	30.77	60.60	6.50	8.46	8.07	6.26	6.26
RSH-1504		156.2	3.94	30.77	121.19	8.46	12.40	8.07	6.26	6.26
RSH-1506		156.2	5.91	30.77	181.79	10.43	16.34	8.07	6.26	6.26
RSH-1508		156.2	7.87	30.77	242.39	12.40	20.28	8.07	6.26	6.26
RSH-15010		156.2	9.84	30.77	302.98	14.37	24.21	8.07	6.26	6.26
RSH-15012		156.2	11.81	30.77	363.58	16.30	28.11	8.07	6.26	6.26

* Nominal Cylinder Capacity in ton - see max. values for actual capacity

HARDENED GROOVED LOAD CAP

to prevent piston rod damage. Optional tilt saddles available

HARD CHROME PLATED PISTON ROD

for maximum corrosion resistance and cylinder life

BRONZE OVERLAY

on the piston bearing area reduces side load induced damage and extends cylinder life

PISTON ROD WIPER

reduces contaminants

OVERFLOW PORT

serves as a maximum stroke limiter

HARD CHROME PLATED BORE

for maximum corrosion resistance and cylinder life

PARKER

industry standard high flow coupling for compatibility

CAPACITY RANGE

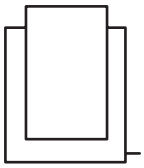
50 - 1,000 ton

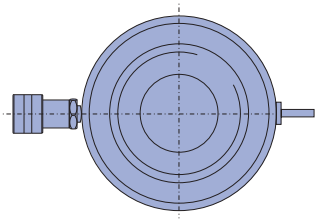
STROKE RANGE

1.97 - 11.81 in

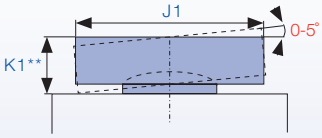
MAXIMUM OPERATING PRESSURE

10,150 psi





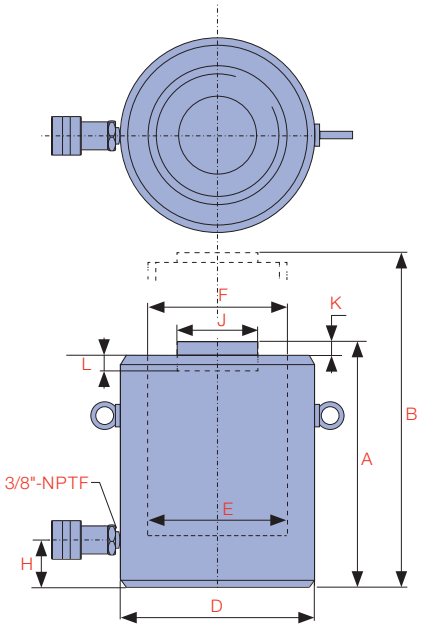
RSH-502 - 15012

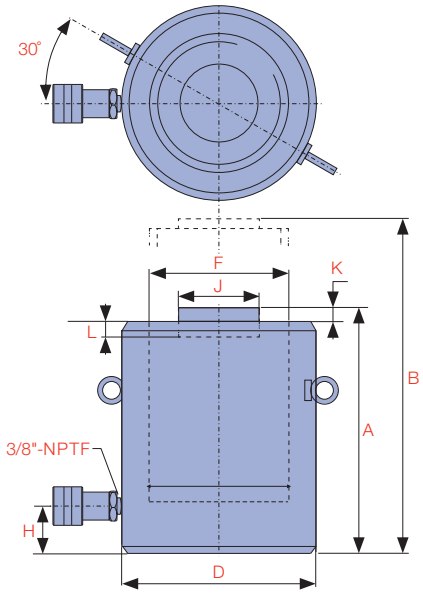


H Base to Advance Port (in)	J Standard Load Cap Diameter (in)	K Load Cap Protrusion from Piston Rod (in)	L Depth of Piston Rod Hole (in)	Weight (lbs)	Optional Tilt Saddle			Model Number	Handle Type
					Model Number	J1 Diameter (in)	K1** Height (in)		
1.18	2.80	0.08	0.51	30.9	TSX-100	2.80	0.94	RSH-502	♦
1.18	2.80	0.08	0.51	39.7	TSX-100	2.80	0.94	RSH-504	♦
1.18	2.80	0.08	0.51	50.7	TSX-100	2.80	0.94	RSH-506	♦
1.18	2.80	0.08	0.51	61.7	TSX-100	2.80	0.94	RSH-508	♦
1.18	2.80	0.08	0.51	72.8	TSX-100	2.80	0.94	RSH-5010	♦
1.18	2.80	0.08	0.51	83.8	TSX-100	2.80	0.94	RSH-5012	♦
1.18	2.80	0.08	0.51	52.9	TSX-100	2.80	0.94	RSH-1002	♦
1.18	2.80	0.08	0.51	70.6	TSX-100	2.80	0.94	RSH-1004	♦
1.18	2.80	0.08	0.51	88.2	TSX-100	2.80	0.94	RSH-1006	♦
1.18	2.80	0.08	0.51	108.0	TSX-100	2.80	0.94	RSH-1008	♦
1.18	2.80	0.08	0.51	127.9	TSX-100	2.80	0.94	RSH-10010	♦
1.18	2.80	0.08	0.51	145.5	TSX-100	2.80	0.94	RSH-10012	♦
1.54	5.12	0.08	0.98	94.8	TSX-200	5.12	0.79	RSH-1502	♦
1.54	5.12	0.08	0.98	121.3	TSX-200	5.12	0.79	RSH-1504	♦
1.54	5.12	0.08	0.98	152.1	TSX-200	5.12	0.79	RSH-1506	♦
1.54	5.12	0.08	0.98	180.8	TSX-200	5.12	0.79	RSH-1508	♦
1.54	5.12	0.08	0.98	209.5	TSX-200	5.12	0.79	RSH-15010	♦
1.54	5.12	0.08	0.98	238.1	TSX-200	5.12	0.79	RSH-15012	♦

HANDLE TYPE: ♦ EYEBOLT

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

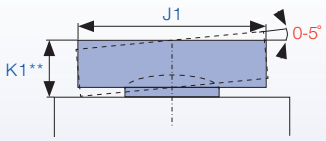




Model Number	Cylinder Capacity ton* / max.		Stroke (in)	Cylinder Effective Area (in^2)	Oil Capacity (in^3)	A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)	F Piston Rod Diameter (in)
RSH-2002	200	209.0	1.97	41.15	81.16	7.60	9.57	9.25	7.24	7.24
RSH-2006		209.0	5.91	41.15	243.42	11.54	17.44	9.25	7.24	7.24
RSH-20012		209.0	11.81	41.15	486.79	17.44	29.25	9.25	7.24	7.24
RSH-2502	250	288.1	1.97	56.71	111.80	7.60	9.57	10.83	8.50	8.50
RSH-2506		288.1	5.91	56.71	335.39	11.54	17.44	10.83	8.50	8.50
RSH-25012		288.1	11.81	56.71	671.02	17.44	29.25	10.83	8.50	8.50
RSH-3002	300	358.9	1.97	70.66	139.19	9.25	11.22	12.20	9.49	9.49
RSH-3006		358.9	5.91	70.66	417.58	13.19	19.09	12.20	9.49	9.49
RSH-30012		358.9	11.81	70.66	836.63	19.09	30.91	12.20	9.49	9.49
RSH-4002	400	440.5	1.97	86.74	170.87	10.43	12.40	13.78	10.51	10.51
RSH-4006		440.5	5.91	86.74	512.54	14.37	20.28	13.78	10.51	10.51
RSH-40012		440.5	11.81	86.74	1,023.37	20.28	32.09	13.78	10.51	10.51
RSH-5002	500	575.3	1.97	113.26	223.10	11.61	13.58	15.75	12.01	12.01
RSH-5006		575.3	5.91	113.26	669.25	15.55	21.46	15.75	12.01	12.01
RSH-50012		575.3	11.81	113.26	1,336.42	21.46	33.27	15.75	12.01	12.01
RSH-6002	600	672.6	1.97	132.42	261.00	12.20	14.17	16.93	12.99	12.99
RSH-6006		672.6	5.91	132.42	782.93	16.14	22.05	16.93	12.99	12.99
RSH-60012		672.6	11.81	132.42	1,568.92	22.05	33.86	16.93	12.99	12.99
RSH-8002	800	926.0	1.97	182.33	358.94	13.98	15.94	19.88	15.24	15.24
RSH-8006		926.0	5.91	182.33	1,076.76	17.91	23.82	19.88	15.24	15.24
RSH-80012		926.0	11.81	182.33	2,158.41	23.82	35.63	19.88	15.24	15.24
RSH-10002	1,000	1,153.8	1.97	227.18	447.24	15.16	17.13	22.05	17.01	17.01
RSH-10006		1,153.8	5.91	227.18	1,341.67	19.09	25.00	22.05	17.01	17.01
RSH-100012		1,153.8	11.81	227.18	2,681.99	25.00	36.81	22.05	17.01	17.01

* Nominal Cylinder Capacity in ton - see max. values for actual capacity

RPLC-Series low height locking collar cylinders offer extremely low collapsed height and the ability to ***mechanically support a load***



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)	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	145.5	TSX-200	5.12	0.79	RSH-2002	♦
1.97	5.12	0.08	0.98	222.7	TSX-200	5.12	0.79	RSH-2006	♦
1.97	5.12	0.08	0.98	339.6	TSX-200	5.12	0.79	RSH-20012	♦
1.97	5.91	0.08	0.98	198.5	TSX-250	5.91	0.83	RSH-2502	♦
1.97	5.91	0.08	0.98	302.1	TSX-250	5.91	0.83	RSH-2506	♦
1.97	5.91	0.08	0.98	458.6	TSX-250	5.91	0.83	RSH-25012	♦
2.32	5.47	0.20	0.98	302.1	TSX-300	7.68	2.95	RSH-3002	♦
2.32	5.47	0.20	0.98	436.6	TSX-300	7.68	2.95	RSH-3006	♦
2.32	5.47	0.20	0.98	635.0	TSX-300	7.68	2.95	RSH-30012	♦
2.76	6.26	0.20	0.98	441.0	TSX-400	8.86	3.35	RSH-4002	♦
2.76	6.26	0.20	0.98	606.4	TSX-400	8.86	3.35	RSH-4006	♦
2.76	6.26	0.20	0.98	860.0	TSX-400	8.86	3.35	RSH-40012	♦
3.15	7.05	0.20	0.98	637.2	TSX-500	9.84	3.58	RSH-5002	♦
3.15	7.05	0.20	0.98	860.0	TSX-500	9.84	3.58	RSH-5006	♦
3.15	7.05	0.20	0.98	1,190.7	TSX-500	9.84	3.58	RSH-50012	♦
3.35	7.64	0.20	0.98	771.8	TSX-600	10.83	3.78	RSH-6002	♦
3.35	7.64	0.20	0.98	1,025.3	TSX-600	10.83	3.78	RSH-6006	♦
3.35	7.64	0.20	0.98	1,411.2	TSX-600	10.83	3.78	RSH-60012	♦
3.94	8.82	0.20	0.98	1,210.5	TSX-800	12.60	4.84	RSH-8002	♦
3.94	8.82	0.20	0.98	1,563.3	TSX-800	12.60	4.84	RSH-8006	♦
3.94	8.82	0.20	0.98	2,094.8	TSX-800	12.60	4.84	RSH-80012	♦
4.33	9.80	0.20	0.98	1,607.4	TSX-1000	14.17	5.35	RSH-10002	♦
4.33	9.80	0.20	0.98	2,030.8	TSX-1000	14.17	5.35	RSH-10006	♦
4.33	9.80	0.20	0.98	2,668.1	TSX-1000	14.17	5.35	RSH-100012	♦

HANDLE TYPE: ♦ EYEBOLT

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