

▼ Shown from left to right: RSM1000, RSM300, RSM50, RCS1002, RCS302



RSM-Series, Low-Height Cylinders

- Compact, flat design for use where most other cylinders will not fit
- Single-acting, spring-return
- RSM750, 1000 and 1500 have handles for easy carrying
- Mounting bolt holes permit easy fixturing
- Baked enamel finish for increased corrosion resistance
- CR400 coupler and dust cap included on all models ¹⁾
- Hard chrome plated high quality steel plungers
- Grooved plunger ends require no saddle.

RCS-Series, Low-Height Cylinders

- Lightweight, low-profile design for use in confined spaces
- Single-acting, spring-return
- Baked enamel finish for increased corrosion resistance
- Plunger wiper reduces contamination, extending cylinder life
- CR400 coupler and dust cap included on all models
- Grooved plunger end with threaded holes for mounting tilt saddles
- Integral handle on RCS1002 for easy carrying
- Plated steel plungers.

Maximum Power-to-Height Ratio



Saddles

All RCS-Series cylinders have plunger mounting holes for installation of tilt saddles. See table for selection and dimensional information.

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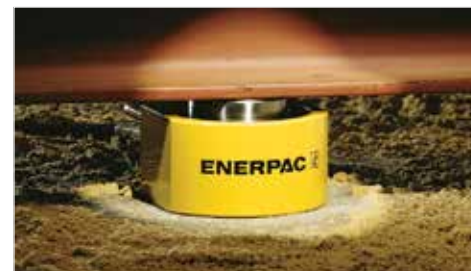


Low-Clearance Lifting

The LW-Series Lifting Wedges and SOH-Series Machine Lifts are the perfect choice for lifting the first few inches.

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▼ Only a couple of inches will do for an RSM-cylinder to lift a large construction.

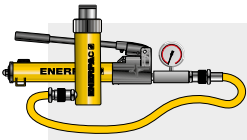


Cylinder Capacity tons (maximum)	Stroke (in)	Model Number	Cylinder Effective Area (in ²)	Oil Capacity (in ³)
5 (4.9)	0.25	RSM50 ¹⁾	0.99	0.25
10 (11.2)	0.44	RSM100 *	2.24	0.98
20 (22.1)	0.44	RSM200 *	4.43	1.94
30 (32.4)	0.50	RSM300 *	6.49	3.25
50 (48.1)	0.63	RSM500 *	9.62	6.01
75 (79.5)	0.63	RSM750	15.90	9.94
100 (98.1)	0.63	RSM1000	19.63	12.27
150 (153.4)	0.63	RSM1500	30.68	19.17
10 (11.2)	1.50	RCS101 *	2.24	3.35
20 (22.1)	1.75	RCS201 *	4.43	7.75
30 (32.4)	2.44	RCS302 *	6.49	15.82
50 (48.1)	2.38	RCS502 *	9.62	22.85
100 (98.1)	2.25	RCS1002 *	19.63	44.18

¹⁾ RSM50 is fitted with an AR400 coupler.

* Available as set, see notes on next page.

Single-Acting, Low-Height Cylinders



Cylinder-Pump Sets

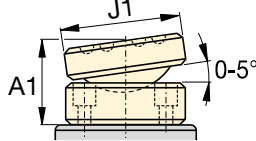
All cylinders marked with an * are available as **sets** (cylinder, gauge, couplers, hose and pump) for your ordering convenience.

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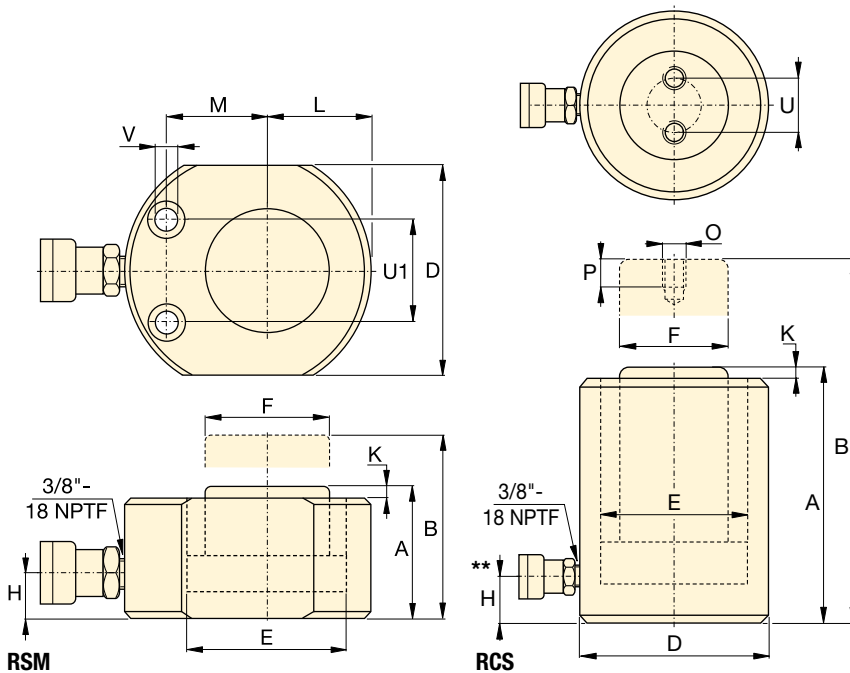
Optional Bolt On Tilt Saddle Dimensions (in)

For Cylinder Model:

Model Number	J1	A1 *
RCS101	1.38	0.79
RCS201, 302, 502	1.97	0.98
RCS1002	2.80	1.38



* A1 = Addition to Collapsed Height.



RSM, RCS Series



Capacity:

5 - 150 tons

Stroke:

0.25 - 2.44 inches

Maximum Operating Pressure:

10,000 psi



Portable Hydraulic Tool Box

Tool box with hand pump, gauge adaptor assembly, hose and RSM or RCS-cylinders.

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RSM Cylinder Mounting Hole Dimensions (in)

Model Number	Bolt Circle U1	Hole Dia. V	Counter Bore Dia.	Counter Bore Depth
RSM50	1.12	0.20	0.31	0.17
RSM100	1.44	0.28	0.42	0.31
RSM200	1.94	0.40	0.59	0.39
RSM300	2.06	0.40	0.62	0.44
RSM500	2.62	0.47	0.75	0.50
RSM750	3.00	0.53	0.81	0.56
RSM1000	3.00	0.53	0.81	0.56
RSM1500	4.62	0.53	0.81	0.56

Collapsed Height A (in)	Extended Height B (in)	Outside Diameter D (in)	Cylinder Bore Diameter E (in)	Plunger Diameter F (in)	Base to Advance Port H (in)	Plunger Protrusion from Base K (in)	Plunger to Base L (in)	Plunger to Mtg. Hole M (in)	Thread O (mm)	Thread Depth P (in)	Bolt Circle U (in)	Weight (lbs)	Model Number
1.28	1.53	2.31 x 1.63	1.13	1.00	0.63	0.04	0.81	0.88	—	—	—	2.3	RSM50 ¹⁾
1.69	2.13	3.25 x 2.19	1.69	1.50	0.75	0.04	1.09	1.34	—	—	—	3.1	RSM100 *
2.03	2.47	4.00 x 3.00	2.38	2.00	0.75	0.04	1.56	1.56	—	—	—	6.8	RSM200 *
2.31	2.81	4.63 x 3.75	2.88	2.50	0.75	0.08	1.88	1.75	—	—	—	10.0	RSM300 *
2.63	3.25	5.50 x 4.50	3.50	2.75	0.75	0.08	2.25	2.13	—	—	—	15.0	RSM500 *
3.13	3.75	6.50 x 5.50	4.50	3.25	0.75	0.08	2.75	2.63	—	—	—	25.0	RSM750
3.38	4.00	7.00 x 6.00	5.00	3.63	0.75	0.08	3.00	2.94	—	—	—	32.0	RSM1000
3.94	4.56	8.50 x 7.50	6.25	4.50	0.94	0.08	3.75	3.25	—	—	—	58.0	RSM1500
3.47	4.97	2.75	1.69	1.50	0.69	0.20	—	—	M4	0.32	1.03	6.0	RCS101 *
3.88	5.63	3.63	2.38	2.00	0.69	0.12	—	—	M5	0.32	1.57	11.0	RCS201 *
4.63	7.06	4.00	2.88	2.62	0.75	0.12	—	—	M5	0.32	1.57	15.0	RCS302 *
4.81	7.19	4.88	3.50	2.75	0.94	0.08	—	—	M5	0.32	1.57	22.0	RCS502 *
5.56	7.81	6.50	5.00	3.63	1.25	0.04	—	—	M8	0.40	2.17	46.0	RCS1002 *

** 5° angle position of coupler on RCS101, 201, 302.