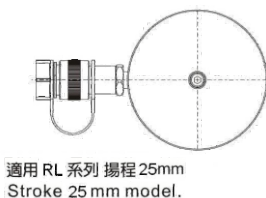
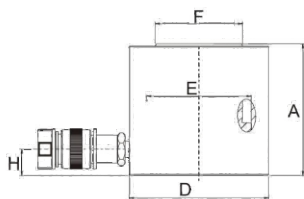


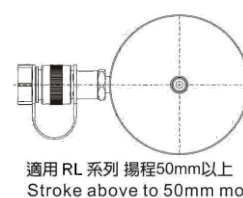
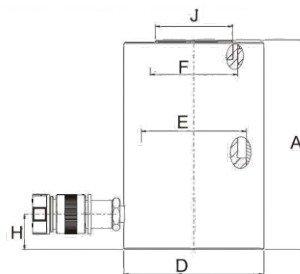


RL-Series: Single-Acting General Type

- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Strong spring to accelerate the speed of the plunger retraction.
- ◆ Special sizes can be customized.



適用 RL 系列 揚程 25mm
Stroke 25 mm model.



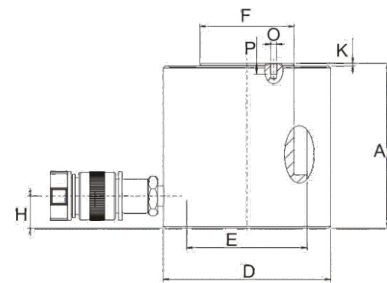
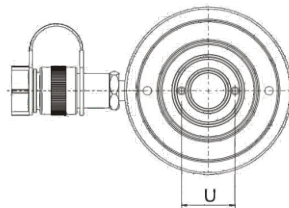
適用 RL 系列 揚程 50mm 以上
Stroke above to 50mm model.

Item	Cylinder Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (cc)	Collapsed Height A(mm)	Extended Height B(mm)	Outside Diam. D(mm)	Inner Diam. E(mm)	Plunger Diam. F(mm)	Base to Adv. Port H(mm)	Saddle Diam. J(mm)	Weight (Kg)
★ RL05-120	5	120	9.6	115	200	320	45	35	28	20	—	1.9
★ RL05-150		150	9.6	144	230	380	45	35	28	20	—	2.1
RL10-25	10 (101)	25	14.46	36.1	80	105	70	42.93	38.10	19.5	—	2.4
RL10-50		50	14.46	72.3	130	180	57	42.93	38.10	19.5	—	2.5
RL10-75		75	14.46	108.4	155	230	57	42.93	38.10	19.5	35	3.1
RL10-100		100	14.46	144.6	180	280	57	42.93	38.10	19.5	35	3.4
★ RL10-120		120	15.90	191	200	320	60	45.00	38.10	20	—	3.4
★ RL10-150		150	15.90	238	230	380	60	45.00	38.10	20	—	3.8
RL20-25	20 (198)	25	28.26	70.7	80	105	90	60.00	50.00	17.0	—	3.7
RL20-50		50	28.26	141.3	135	185	79	60.00	50.00	22.0	—	4.9
RL20-75		75	28.26	212.0	160	235	79	60.00	50.00	22.0	40	5.6
RL20-100		100	28.26	282.6	185	285	79	60.00	50.00	22.0	40	6.3
★ RL20-120		120	28.26	339	200	320	80	60.00	50.00	20.0	—	6.1
★ RL20-150		150	28.26	423.9	230	380	80	60.00	50.00	20.0	—	6.6
RL30-25	30 (294)	25	42.00	105	85	110	99	73.15	57.15	19	—	2.4
RL30-50		50	42.00	210	145	195	99	73.15	57.15	22.5	—	2.5
RL30-75		75	42.00	315	170	245	99	73.15	57.15	22.5	49.5	7.8
RL30-100		100	42.00	420	195	295	99	73.15	57.15	22.5	49.5	8.9
★ RL30-120		120	50.24	603	200	320	100	80.00	65.00	20.0	—	9.9
★ RL30-150		150	50.24	753	230	380	100	80.00	65.00	20.0	—	11.1
RL50-25	50 (498)	25	71.21	175.0	95	120	127	95.25	79.50	24.0	—	8.8
RL50-50		50	71.21	356.0	120	170	127	95.25	79.50	24.0	—	10.5
RL50-75		75	71.21	534.0	190	265	127	95.25	79.50	32.0	70	16.8
RL50-100		100	71.21	712.0	215	315	127	95.25	79.50	32.0	70	18.2
★ RL50-120		120	78.50	942.0	245	365	130	100.00	88.00	35.0	—	25.4
★ RL50-150		150	78.50	1177	275	425	130	100.00	88.00	35.0	—	28
RL100-25	100 (933)	25	133.27	333.1	100	125	177	130.30	104.90	20.0	—	16.9
RL100-50		50	133.27	666.3	160	210	177	130.30	104.90	20.0	84	26.8
RL100-100		100	133.27	1332.7	204	304	177	130.30	104.90	30.0	84	36.8
★ RL100-125		127	143.00	1816	250	377	178	135.00	103.00	30.0	—	42.6
RL100-150	150 (1407)	150	133.27	1999.0	260	410	177	135.00	104.90	30.0	84	44.3
RL150-50		50	200.96	1004.8	200	250	215	160.00	115.00	50.0	99	50.2
RL150-100		100	200.96	2009.6	250	350	215	160.00	115.00	50.0	99	60.0
RL150-150		150	200.96	3014.4	300	450	215	160.00	115.00	50.0	99	68.9
RL200-50	200 (1984)	50	283.38	1416.9	200	250	255	190.00	135.00	50.0	115	71.6
RL200-100		100	283.38	2833.0	250	350	255	190.00	135.00	50.0	115	85.0
RL200-150		150	283.38	4250.7	300	450	255	190.00	135.00	50.0	115	98.5

RSC-Series: Single-Acting Low Height Type



- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Strong spring to accelerate the speed of the plunger retraction.
- ◆ Special sizes can be customized.



Item	Outside Size										
	Cylinder Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (cc)	Collapsed Height A(mm)	Extended Height B(mm)	Outside Diam. D(mm)	Inner Diam. E(mm)	Plunger Diam. F(mm)	Base to Adv. Port H(mm)	Saddle Protrusion from Plunger K(mm)
★ RSC-101	10(101)	38	14.50	56.0	88	126	70	43.00	38.00	17.0	2.5
★ RSC-201	20(198)	44	28.30	126.0	98	142	90	60.00	51.00	17.0	1.5
★ RSC-301	30(293)	62	41.90	260.0	117.4	179.4	100	73.00	67.00	17.0	1.4
★ RSC-501	45(445)	60	63.60	382.0	123	183	124	90.00	70.00	23.0	2
★ RSC-1001	90(887)	57	126.70	722.0	141	198	165	127.00	92.20	32.0	1

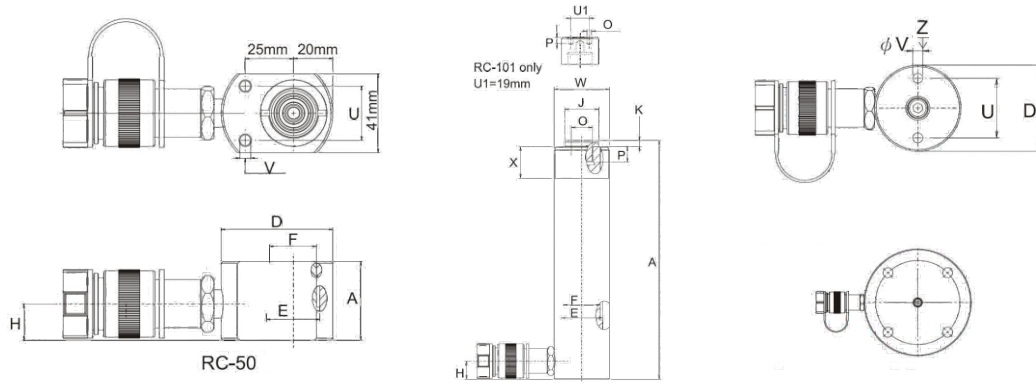
Item	Screw Thread Size			Weight (Kg)
	Thread O(mm)	Thread Depth P(mm)	Bolt Circle U(mm)	
★ RSC-101	M4	8	26	1.8
★ RSC-201	M5	8	39	4.3
★ RSC-301	M5	8	39	6
★ RSC-501	M5	8	39	9.6
★ RSC-1001	M8	10	55	22.7



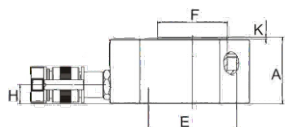
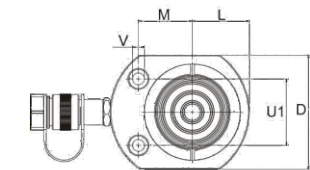
RC-Series: Single-Acting, Collar Threads Type

- ◆ Cylinder outer thread, screw thread of inner plunger and convenient for base fixed.
- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Strong spring to accelerate the speed of the plunger retraction.
- ◆ Special sizes can be customized.

Item	Outside Size											
	Cylinder Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (cc)	Collapsed Height A(mm)	Extended Height B(mm)	Outside Diam. D(mm)	Inner Diam. E(mm)	Plunger Diam. F(mm)	Base to Adv. Port H(mm)	Saddle Diam. J(mm)	Saddle Protrusion from Plunger K(mm)
★ RC-50	5 (45)	16	6.50	10.0	41	57	58	28.70	25.40	19.0	—	—
★ RC-51		25	6.50	16.0	110	135	38	28.70	25.40	19.0	25	6
★ RC-53		76	6.50	50.0	165	241	38	28.70	25.40	19.0	25	6
RC-55		127	6.50	83.0	215	342	38	28.70	25.40	19.0	25	6
RC-57		177	6.50	115.0	273	450	38	28.70	25.40	19.0	25	6
RC-59		232	6.50	151.0	323	555	38	28.70	25.40	19.0	25	6
★ RC-101	10 (101)	26	14.50	38.0	89	115	57	42.90	38.10	19.0	—	—
★ RC-102		54	14.50	78.0	121	175	57	42.90	38.10	19.0	35	6
★ RC-104		105	14.50	152.0	171	276	57	42.90	38.10	19.0	35	6
RC-106		156	14.50	226.0	247	403	57	42.90	38.10	19.0	35	6
RC-108		203	14.50	294.0	298	501	57	42.90	38.10	19.0	35	6
RC-1010		257	14.50	373.0	349	606	57	42.90	38.10	19.0	35	6
RC-1012	15 (142)	304	14.50	441.0	400	704	57	42.90	38.10	19.0	35	6
RC-1014		356	14.50	516.0	450	806	57	42.90	38.10	19.0	35	6
RC-151		26	20.30	51.0	124	149	69	50.80	41.10	19.0	38	9
RC-152		51	20.30	104.0	149	200	69	50.80	41.10	19.0	38	9
RC-154		101	20.30	205.0	200	301	69	50.80	41.10	19.0	38	9
RC-156		152	20.30	308.0	271	423	69	50.80	41.10	25.0	38	9
RC-158	25 (232)	203	20.30	411.0	322	525	69	50.80	41.10	25.0	38	9
RC-1510		254	20.30	516.0	373	627	69	50.80	41.10	25.0	38	9
RC-1512		305	20.30	619.0	423	728	69	50.80	41.10	25.0	38	9
RC-1514		356	20.30	723.0	474	830	69	50.80	41.10	25.0	38	9
★ RC-251		26	33.20	86.0	139	165	85	65.00	57.20	25.0	50	10
★ RC-252		50	33.20	166.0	165	215	85	65.00	57.20	25.0	50	10
★ RC-254	30(295)	102	33.20	339.0	215	317	85	65.00	57.20	25.0	50	10
RC-256		158	33.20	525.0	273	431	85	65.00	57.20	25.0	50	10
RC-258		210	33.20	697.0	323	533	85	65.00	57.20	25.0	50	10
RC-2510		261	33.20	867.0	374	635	85	65.00	57.20	25.0	50	10
RC-2512		311	33.20	1033.0	425	736	85	65.00	57.20	25.0	50	10
RC-2514		362	33.20	1202.0	476	838	85	65.00	57.20	25.0	50	10
RC-308	50 (498)	209	42.10	880.0	387	596	101	73.20	57.20	57.0	50	10
RC-502		51	71.20	362.0	176	227	127	95.20	79.50	33.0	71	2
RC-504		101	71.20	719.0	227	328	127	95.20	79.50	33.0	71	2
RC-506		159	71.20	1131.0	282	441	127	95.20	79.50	33.0	71	2
RC-5013		337	71.20	2399.0	460	797	127	95.20	79.50	33.0	71	2
RC-756		156	102.60	1601.0	285	441	146	114.30	95.20	30.0	71	5
RC-7513	100 (933)	333	102.60	3417.0	492	825	146	114.30	95.20	30.0	71	5
RC-1004		102	133.3	1355	204	306	177	130.30	104.90	41.0	71	2
RC-1006		168	133.3	2239	357	525	177	130.30	104.90	41.0	71	2
RC-1008		203	133.3	2709	357	576	177	130.30	104.90	41.0	71	2
RC-10010		260	133.3	3466	449	709	177	130.30	104.90	41.0	71	2



Item	Plunger Inner Thread O(in)	Plunger Thread Length P(mm)	Collar Thread W(in)	Collar Thread Length X(mm)	Base Mounting Holes			Weight (Kg)
					Bolt Circle U(mm)	Thread V(in)	Thread Depth Z(mm)	
★ RC-50	—	—	—	—	28	5.6	—	1.0
★ RC-51	3/4"-16	14	1 1/2"-16	28	25	1/4"-20UN	14	1.0
★ RC-53	3/4"-16	14	1 1/2"-16	28	25	1/4"-20UN	14	1.5
RC-55	3/4"-16	14	1 1/2"-16	28	25	1/4"-20UN	14	1.9
RC-57	3/4"-16	16	1 1/2"-16	28	25	1/4"-20UN	14	2.4
RC-59	3/4"-16	16	1 1/2"-16	28	25	1/4"-20UN	14	2.8
★ RC-101	#10-24UN	6	2 1/4"-14	26	39	5/16"-18UN	12	1.8
★ RC-102	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	2.3
★ RC-104	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	3.3
RC-106	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	4.4
RC-108	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	5.4
RC-1010	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	6.4
RC-1012	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	6.8
RC-1014	1"-8	19	2 1/4"-14	26	39	5/16"-18UN	12	8.2
RC-151	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	3.3
RC-152	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	4.1
RC-154	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	5.0
RC-156	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	6.8
RC-158	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	8.2
RC-1510	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	9.5
RC-1512	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	10.9
RC-1514	1"-8	25	2 3/4"-16	30	47	3/8"-16UN	12	11.8
★ RC-251	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	5.9
★ RC-252	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	6.4
★ RC-254	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	8.2
RC-256	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	10.0
RC-258	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	12.2
RC-2510	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	14.1
RC-2512	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	16.3
RC-2514	1 1/2"-16	25	3 5/16"-12	49	58	1/2"-13UN	19	17.1
RC-308	1 1/2"-16	25	3 5/16"-12	49	—	—	—	18.1
RC-502	—	—	5"-12	55	95	1/2"-13UN	19	15.0
RC-504	—	—	5"-12	55	95	1/2"-13UN	19	19.1
RC-506	—	—	5"-12	55	95	1/2"-13UN	19	23.1
RC-5013	—	—	5"-12	55	95	1/2"-13UN	19	37.6
RC-756	—	—	5 3/4"-12	44	—	—	—	29.5
RC-7513	—	—	5 3/4"-12	44	—	—	—	59.0
RC-1004	—	—	6 7/8"-12	44	—	—	—	33.1
RC-1006	—	—	7 7/8"-12	44	139	3/4"-10UN	25	59.0
RC-1008	—	—	8 7/8"-12	44	139	3/4"-10UN	25	59.0
RC-10010	—	—	9 7/8"-12	44	139	3/4"-10UN	25	72.6

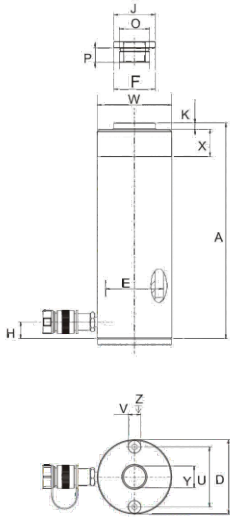


RMC-Series: Single-Acting, Low Height, Flat Type

- ◆ Flat designed for narrow spaces.
- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Strong spring to accelerate the speed of the plunger retraction.
- ◆ Base mounting holes can be easily to fixed on the objects.
- ◆ Special sizes can be customized.

Item	Outside Size										
	Cylinder Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (cc)	Collapsed Height A(mm)	Extended Height B(mm)	Outside Diam. D(mm)	Inner Diam. E(mm)	Plunger Diam. F(mm)	Base to Adv. Port H(mm)	Saddle Protrusion from Plunger K(mm)
RMC-50	5(45)	6	6.50	4.0	32	38	58X41	28.70	25.40	16	1
★ RMC-101	10(101)	11	14.50	18.0	43	54	81X56	43.00	38.00	19	1
★ RMC-201	20(201)	11	28.30	32.0	52	63	100X76	60.00	51.00	19	1
★ RMC-301	30(295)	12	41.90	55.0	59	71	115X95	73.00	64.00	19	1
★ RMC-501	45(435)	16	63.60	99.0	67	83	130X114	90.00	70.00	19	2
RMC-750	75(718)	16	102.60	164.0	79	95	165X139	114.30	82.60	19	2
★ RMC-1000	90(887)	16	126.70	203.0	85	101	178X153	127.00	92.20	19	2
RMC-1500	150(1386)	16	198.10	317.0	100	116	215X190	158.80	114.30	23	2

Item	Outside Size		Base Mounting Holes				Weight (Kg)
	Plunger to Base L(mm)	Plunger to Mtg. Hole M(mm)	Hole Pitch. U1(mm)	Hole Diam. V(in)	Counter Bore Diam. (mm)	Counter Bore Depth (mm)	
RMC-50	20	22	28.5	5.5	7.9	4.3	1.0
★ RMC-101	28	34	36.6	7.1	10.7	7.9	1.2
★ RMC-201	39	40	49.3	10.0	15.1	9.9	2.4
★ RMC-301	48	44	52.3	10.0	15.9	11.2	3.7
★ RMC-501	57	54	66.5	11.9	19.0	12.7	6
RMC-750	69	66	76.2	13.5	20.6	14.2	11.3
★ RMC-1000	76	74	76.2	13.5	20.6	14.2	14.5
RMC-1500	95	82	117.3	13.5	20.6	14.2	26.3



RHC-Series: Single-Acting, Hollow Plunger Type

- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Hollow plunger design allows for both pull and push forces.
- ◆ The low outer-shaped, flat designed, suitable for kinds of for narrow spaces.
- ◆ Strong spring to accelerate the speed of the plunger retraction.
- ◆ Special center tube protect plunger and inner of cylinder increases product life.
- ◆ External thread can be easily fixed.
- ◆ Special sizes can be customized.

Item	Outside Size											
	Cylinder Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (cc)	Collapsed Height A(mm)	Extended Height B(mm)	Outside Diam. D(mm)	Inner Diam. E(mm)	Plunger Diam. F(mm)	Base to Adv. Port H(mm)	Saddle Diam. J(mm)	Saddle Protrusion from Plunger K(mm)
RHC-120	13 (125)	8	17.90	14.0	55	63	69	54.10	35.10	9.0	—	—
RHC-121		42	17.90	75.0	120	162	69	54.10	35.10	19.0	—	—
RHC-1211		42	17.90	75.0	120	162	69	54.10	35.10	19.0	—	—
RHC-123		76	17.90	136.0	184	260	69	54.10	35.10	19.0	—	—
★ RHC-202	20 (215)	49	30.70	150.0	162	211	98	73.10	54.10	19.0	54	6.9
RHC-204		102	30.70	311.0	242	344	98	73.10	54.10	19.0	54	6.9
RHC-206		155	30.70	476.0	306	461	98	73.10	54.10	19.0	54	6.9
★ RHC-302	30 (326)	64	46.60	298.0	178	242	114	88.90	63.50	22.0	63	9.7
RHC-304		102	46.60	473.0	233	335	114	88.90	63.50	22.0	63	9.7
RHC-306		155	46.60	722.0	330	485	114	88.90	63.50	25.0	63	9.7
★ RHC-603	60 (576)	76	82.30	626.0	247	323	159	123.90	91.90	31.0	91	12.7
RHC-606		153	82.30	1259.0	323	476	159	123.90	91.90	31.0	91	12.7
RHC-1003	90(931)	76	133.00	1011.0	254	330	212	165.10	127.0	38.0	126	12.7

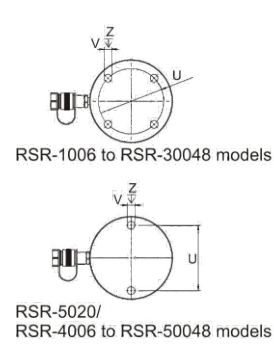
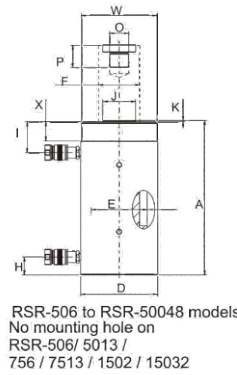
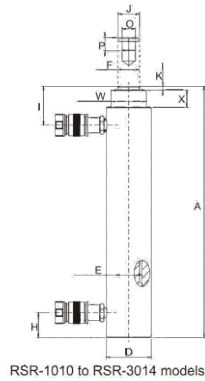
Item	Plunger Inner Thread O(in)	Plunger Thread Length P(mm)	Collar Thread W(in)	Collar Thread Length X(mm)	Center Hole Diam. Y(mm)	Base Mounting Holes			Weight (Kg)
						Bolt Circle U(mm)	Thread V(in)	Thread Depth Z(mm)	
RHC-120	3/4"-16UN	16	2 3/4"-16	30	19.6	50.8	5/16"-18UNC	9	1.70
RHC-121	—	—	2 3/4"-16	30	19.6	50.8	5/16"-18UNC	9	3.00
RHC-1211	3/4"-16UN	16	2 3/4"-16	30	19.6	50.8	5/16"-18UNC	9	3.00
RHC-123	—	—	2 3/4"-16	30	19.6	50.8	5/16"-18UNC	12.7	4.60
★ RHC-202	1 9/16"-16UN	19	3 7/8"-12	38	26.9	82.6	3/8"-16UNC	9.4	8.20
RHC-204	1 9/16"-16UN	19	3 7/8"-12	38	26.9	82.6	3/8"-16UNC	9.4	10.50
RHC-206	1 9/16"-16UN	19	3 7/8"-12	38	26.9	82.6	3/8"-16UNC	9.4	14.60
★ RHC-302	1 13/16"-16UN	22	4 1/2"-12	42	33.3	92.2	3/8"-16UNC	14	11.55
RHC-304	1 13/16"-16UN	22	4 1/2"-12	42	33.3	92.2	3/8"-16UNC	14	14.75
RHC-306	1 13/16"-16UN	22	4 1/2"-12	42	33.3	92.2	3/8"-16UNC	14	22.45
★ RHC-603	2 3/4"-16UN	19	6 1/4"-12	48	53.8	130.3	1/2"-13UNC	14	29.70
RHC-606	2 3/4"-16UN	19	6 1/4"-12	48	53.8	130.3	1/2"-13UNC	14	37.00
RHC-1003	4"-16UN	25	6 1/4"-12	60	79	177.8	5/8"-11UNC	19	66.60



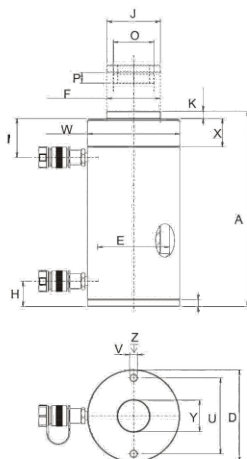
RSR-Series: Double-Acting Type

- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Double-acting design allows for both pull and push forces, increasing the acting speed.
- ◆ Relief valves protect against over pressuring.

Item	Cylinder Capacity (Ton)	Stroke (mm)	Max. Cylinder Capacity (Ton)		Cylinder Effective Area (cm ²)		Oil Capacity (cc)		Coll. Height A(mm)	Ext. Height B(mm)	Out. Diam. D(mm)	Cyl. Bore Diam. E(mm)	Plngr. Diam. F(mm)
			Push	Pull	Push	Pull	Push	Pull					
RSR-1010	10 (101)	254	101	33	14.5	4.8	368	122	409	663	73	42.9	34.9
RSR-1012		305	101	33	14.5	4.8	442	147	457	762	73	42.9	34.9
RSR-308	30 (295)	209	295	133	42.1	19.1	879	400	387	596	101	73.2	54.1
RSR-3014		368	295	133	42.1	19.1	1549	703	549	917	101	73.2	54.1
RSR-506	50 (498)	156	498	150	71.2	21.5	1111	335	331	487	127	95.2	79.5
RSR-5013		334	498	150	71.2	21.5	2378	718	509	843	127	95.2	79.5
RSR-5020		511	498	150	71.2	21.5	3638	1099	733	1244	127	95.2	79.5
RSR-756	75 (718)	156	718	220	102.6	31.4	1601	490	347	503	146	114.3	95.2
RSR-7513		333	718	220	102.6	31.4	3417	1046	525	858	146	114.3	95.2
RSR-1006	95 (933)	168	933	435	133.3	62.2	2238	1045	357	525	177	130.3	95.2
RSR-10013		333	933	435	133.3	62.2	4439	2071	524	857	177	130.3	95.2
RSR-10018		460	933	435	133.3	62.2	6132	2861	687	1147	177	130.3	95.2
RSR-1502	140 (1486)	57	1386	668	198.1	95.4	1129	544	196	253	203	158.8	114.3
RSR-1506		156	1386	668	198.1	95.4	3090	1488	385	541	203	158.8	114.3
RSR-15013		333	1386	668	198.1	95.4	6597	3177	563	897	203	158.8	114.3
RSR-15032		815	1386	668	198.1	95.4	16145	7775	1116	1931	203	158.8	114.3
RSR-2006	200 (1995)	152	1995	1017	285.0	145.3	4332	2209	430	582	247	190.5	133.4
RSR-20013		330	1995	1017	285.0	145.3	9405	4795	608	938	247	190.5	133.4
RSR-20018		457	1995	1017	285.0	145.3	13025	6640	765	1222	247	190.5	133.4
RSR-20024		610	1995	1017	285.0	145.3	17385	8863	917	1527	247	190.5	133.4
RSR-20036		914	1995	1017	285.0	145.3	26049	13280	1222	2136	247	190.5	133.4
RSR-20048		1219	1995	1017	285.0	145.3	34741	17712	1527	2746	247	190.5	133.4
RSR-3006	325 (3201)	153	3201	1703	457.3	243.2	6997	3721	485	638	311	241.3	165.1
RSR-30012		305	3201	1703	457.3	243.2	13947	7418	638	943	311	241.3	165.1
RSR-30018		457	3201	1703	457.3	243.2	20889	11114	790	1247	311	241.3	165.1
RSR-30024		609	3201	1703	457.3	243.2	27850	14811	943	1552	311	241.3	165.1
RSR-30036		915	3201	1703	457.3	243.2	41843	22253	1247	2162	311	241.3	165.1
RSR-30048		1219	3201	1703	457.3	243.2	55745	29646	1552	2771	311	241.3	165.1
RSR-4006	440 (4292)	152	4292	2297	613.1	328.1	9319	4987	538	690	358	279.4	190.5
RSR-40012		305	4292	2297	613.1	328.1	18700	10007	690	995	358	279.4	190.5
RSR-40018		457	4292	2297	613.1	328.1	28018	14995	843	1300	358	279.4	190.5
RSR-40024		610	4292	2297	613.1	328.1	37400	20014	995	1605	358	279.4	190.5
RSR-40036		914	4292	2297	613.1	328.1	56037	29988	1300	2214	358	279.4	190.5
RSR-40048		1219	4292	2297	613.1	328.1	74737	39996	1608	2824	358	279.4	190.5
RSR-5006	520 (5108)	153	5108	2838	729.7	405.4	11164	6203	577	730	397	304.8	203.2
RSR-50012		305	5108	2838	729.7	405.4	22256	12365	730	1035	397	304.8	203.2
RSR-50018		457	5108	2838	729.7	405.4	33347	18526	882	1339	397	304.8	203.2
RSR-50024		609	5108	2838	729.7	405.4	44400	24689	1035	1644	397	304.8	203.2
RSR-50036		915	5108	2838	729.7	405.4	66768	36973	1339	2254	397	304.8	203.2
RSR-50048		1219	5108	2838	729.7	405.4	88951	49418	1644	2863	397	304.8	203.2



Item	Outside Size				Screw Thread Size				Base Mounting Holes			Weight (Kg)
	Base to Adv. Port H(mm)	Top to Return Port I(mm)	Saddle Diam. J(mm)	Saddle Protr. fr. Plngr. K(mm)	Plunger Inner Thread O(mm)	Plngr. Thread Length P(mm)	Collar Thread W(in)	Collar Thread Length X(mm)	Bolt Circle U(mm)	Thread V(in)	Thread Depth Z(mm)	
RSR-1010	36	57	35	6	1"-8	25	2 1/4"-14	26	—	—	—	12
RSR-1012	36	57	35	6	1"-8	25	2 1/4"-14	26	—	—	—	14
RSR-308	57	81	50	10	1 1/2"-16	25	3 5/16"-12	49	—	—	—	18
RSR-3014	57	81	50	10	1 1/2"-16	25	3 5/16"-12	49	—	—	—	29
RSR-506	28	76	71	2	1"-12	25	5"-12	50	—	—	—	30
RSR-5013	28	76	71	2	1"-12	25	5"-12	50	—	—	—	52
RSR-5020	57	76	71	2	1"-12	25	5"-12	50	76	1 1/2"-13	25	68
RSR-756	30	76	71	6	1"-12	38	5 3/4"-12	38	—	—	—	41
RSR-7513	30	81	71	6	1"-12	38	5 3/4"-12	38	—	—	—	68
RSR-1006	38	71	76	3	1 3/4"-12	35	6 7/8"-12	50	139	3/4"-10	25	61
RSR-10013	38	71	76	3	1 3/4"-12	35	6 7/8"-12	50	139	3/4"-10	25	93
RSR-10018	41	92	76	3	1 3/4"-12	25	6 7/8"-12	50	139	3/4"-10	25	117
RSR-1502	22	66	93	19	—	—	—	—	—	—	—	49
RSR-1506	49	84	114	19	3 3/8"-16	35	8"-12	60	158	3/4"-16	28	93
RSR-15013	49	84	114	19	3 3/8"-16	35	8"-12	60	158	3/4"-16	28	124
RSR-15032	76	88	114	19	3 3/8"-16	35	8"-12	60	—	—	—	238
RSR-2006	57	96	133	22	—	—	—	—	127	1"-8	25	147
RSR-20013	57	96	133	22	2 1/2"-12	63	9 3/4"-12	54	127	1"-8	25	199
RSR-20018	85	101	133	22	2 1/2"-12	63	9 3/4"-12	54	127	1"-8	25	121
RSR-20024	85	101	133	22	2 1/2"-12	63	9 3/4"-12	54	127	1"-8	25	179
RSR-20036	85	101	133	22	2 1/2"-12	63	9 3/4"-12	54	127	1"-8	25	383
RSR-20048	85	101	133	22	2 1/2"-12	63	9 3/4"-12	54	127	1"-8	25	483
RSR-3006	88	114	165	28	2 1/2"-12	82	12 1/4"-12	58	158	1 1/4"-7	44	245
RSR-30012	88	114	165	28	2 1/2"-12	82	12 1/4"-12	58	158	1 1/4"-7	44	312
RSR-30018	88	114	165	28	2 1/2"-12	82	12 1/4"-12	58	158	1 1/4"-7	44	385
RSR-30024	88	114	165	28	2 1/2"-12	82	12 1/4"-12	58	158	1 1/4"-7	44	469
RSR-30036	88	114	165	28	2 1/2"-12	82	12 1/4"-12	58	158	1 1/4"-7	44	628
RSR-30048	88	114	165	28	2 1/2"-12	82	12 1/4"-12	58	158	1 1/4"-7	44	780
RSR-4006	108	113	190	28	3"-12	95	14 1/8"-8	65	203	1 1/2"-6	50	303
RSR-40012	108	113	190	28	3"-12	95	14 1/8"-8	65	203	1 1/2"-6	50	399
RSR-40018	108	113	190	28	3"-12	95	14 1/8"-8	65	203	1 1/2"-6	50	453
RSR-40024	108	113	190	28	3"-12	95	14 1/8"-8	65	203	1 1/2"-6	50	597
RSR-40036	108	113	190	28	3"-12	95	14 1/8"-8	65	203	1 1/2"-6	50	792
RSR-40048	108	113	190	28	3"-12	95	14 1/8"-8	65	203	1 1/2"-6	50	980
RSR-5006	120	152	203	28	3 1/4"-12	108	15 5/8"-8	79	203	1 3/4"-5	54	432
RSR-50012	120	152	203	28	3 1/4"-12	108	15 5/8"-8	79	203	1 3/4"-5	54	589
RSR-50018	120	152	203	28	3 1/4"-12	108	15 5/8"-8	79	203	1 3/4"-5	54	680
RSR-50024	120	152	203	28	3 1/4"-12	108	15 5/8"-8	79	203	1 3/4"-5	54	816
RSR-50036	120	152	203	28	3 1/4"-12	108	15 5/8"-8	79	203	1 3/4"-5	54	1002
RSR-50048	120	152	203	28	3 1/4"-12	108	15 5/8"-8	79	203	1 3/4"-5	54	1224



RRH-Series: Double-Acting, Hollow Plunger Type

- ◆ Cylinder is made of high-strength alloy steel, are hardened and not easily deformed.
- ◆ Plunger surface is hard chromium, wear and corrosion resistance.
- ◆ Hollow plunger design allows for both pull and push forces, increasing the acting speed.
- ◆ Relief valves protect against over pressuring.
- ◆ Special center tube protect plunger and inner of cylinder increases product life.
- ◆ External thread can be easily fixed.
- ◆ Special sizes can be customized.

Item	Cylinder Capacity (Ton)	Stroke (mm)	Max. Cylinder Capacity (Ton)		Cylinder Effective Area (cm ²)		Oil Capacity (cc)		Coll. Height A(mm)	Ext. Height B(mm)	Out. Diam. D(mm)	Cyl. Bore Diam. E(mm)	Plngr. Diam. F(mm)
			Push	Pull	Push	Pull	Push	Pull					
★ RRH-307	30 (326)	178	326.0	213.0	46.6	30.4	829.0	541.0	330	508	114	88.90	63.50
RRH-3010		258	326.0	213.0	46.6	30.4	1202.0	784.0	431	689	114	88.90	63.50
RRH-603	60 (576)	89	576.0	380.0	82.3	54.2	733.0	482.0	247	336	159	123.90	92.20
RRH-606		166	576.0	380.0	82.3	54.2	1366.0	900.0	323	489	159	123.90	92.20
RRH-6010		257	576.0	380.0	82.3	54.2	2115.0	1393.0	438	695	159	123.90	92.20
RRH-1001	95 (931)	38	931.0	612.0	133.0	87.4	505.0	333.0	165	203	212	165.10	127.00
RRH-1003		76	931.0	612.0	133.0	87.4	1011.0	666.0	254	330	212	165.10	127.00
RRH-1006		153	931.0	612.0	133.0	87.4	2035.0	1337.0	342	495	212	165.10	127.00
RRH-10010		257	931.0	612.0	133.0	87.4	3420.0	2246.0	460	717	212	165.10	127.00
RRH-1508	145(1429)	203	1429.0	718.0	204.1	102.6	4144.0	2083.0	349	552	247	190.50	152.40

Item	Outside Size				Screw Thread Size					Base Mounting Holes			Weight (Kg)
	Base to Adv. Port H(mm)	Top to Return Port I(mm)	Saddle Diam. J(mm)	Saddle Protr. fr. Plngr. K(mm)	Plunger Inner Thread O(mm)	Plngr. Thread Length P(mm)	Collar Thread W(in)	Collar Thread Length X(mm)	Center Hole Diam. Y(mm)	Bolt Circle U(mm)	Thread V(in)	Thread Depth Z(mm)	
★ RRH-307	25.0	60	63	9	1 13/16"-16	22	4 1/2"-12	42	33.30	92.20	3/8"-16	15.7	21.65
RRH-3010	25.0	60	63	9	1 13/16"-16	22	4 1/2"-12	42	33.30	92.20	3/8"-16	15.7	27.65
RRH-603	31.0	66	91	12	2 3/4"-16	19	6 1/4"-12	48	54.10	130.00	1/2"-13	14.0	29.60
RRH-606	31.0	66	91	12	2 3/4"-16	19	6 1/4"-12	48	54.10	130.00	1/2"-13	14.0	36.60
RRH-6010	31.0	66	91	12	2 3/4"-16	19	6 1/4"-12	48	54.10	130.00	1/2"-13	14.0	46.60
RRH-1001	38.0	44	126	12	4"-16	25	—	—	79.50	177.80	5/8"-11	19.0	36.60
RRH-1003	38.0	85	126	12	4"-16	25	8 3/8"-12	60	79.50	177.80	5/8"-11	19.0	64.60
RRH-1006	38.0	85	126	12	4"-16	25	8 3/8"-12	60	79.50	177.80	5/8"-11	19.0	82.60
RRH-10010	38.0	85	126	12	4"-16	25	8 3/8"-12	60	79.50	177.80	5/8"-11	19.0	109.60
RRH-1508	38.0	60	127	4	4 1/4"-12	25	—	—	79.50	214.00	5/8"-11	15.0	116.00



Standard Type Bottle Jack

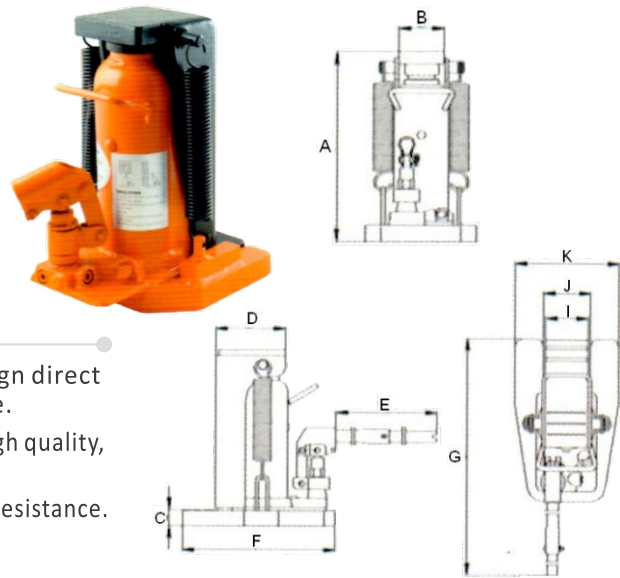
- ◆ Single-stage hydraulic pump, hydraulic piston rod design direct thrust load, rotate oil-returned switch, easy to operate.
- ◆ Base's material is used in processing and manufacturing, high quality, better than the traditional ductile iron casting products.
- ◆ Alloy steel plunger with chrome plated, wear and corrosion resistance.

Item	Capacity (Ton)	Collapsed Height (mm)	Stroke (mm)	Auxiliary Height (mm)	Ext. Height (mm)	Base Dimensions LxW (mm)	Weight (Kg)
SH-2	2	180	115	50	345	110x68	2.5
SH-5	5	200	120	70	390	134x77	5.8
SH-10	12	240	150	80	470	166x106	9
SH-20	20	270	160	—	430	182x128	13
SH-30	30	280	160	—	440	192x142	19
SH-50	50	300	180	—	480	240x220	24

Toe jacks are generally used in the objects that is low from the ground, and the general jack cannot facilitate well. As a result, needing the claws part to withstand the objects and lift them.

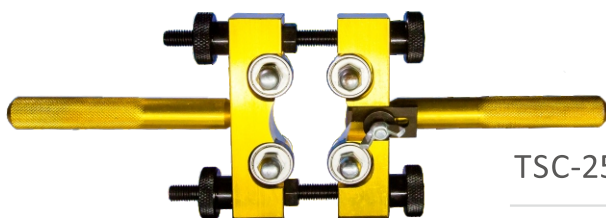
Toe Jack

- ◆ Single-stage hydraulic pump, hydraulic piston rod design direct thrust load, rotate oil-returned switch, easy to operate.
- ◆ Base's material is used in processing and manufacturing, high quality, better than the traditional ductile iron casting products.
- ◆ Alloy steel plunger with chrome plated, wear and corrosion resistance.
- ◆ The claws are integrally formed steel, strong structure.



Item	Low Toe-Lift Capacity (Ton)	Top Capacity (Ton)	Min. Height of Toe (mm)	Max. Height of Toe (mm)	Min. Height of Top (mm)	Max. Height of Top (mm)	Toe-Lift Base LxW (mm)	Weight (Kg)
SL-5	2	5	15.5	128.5	238	349	50x50	8.2
SL-10	5	10	22.2	141.3	298.5	409.5	57x76	24
SL-20	10	20	28.6	173	333.4	460.4	60.3x101	38

Item	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	I (mm)	J (mm)	K (mm)
SL-5	50	90	291	178	423	50	57	125
SL-10	88	123	597	270	868	75	83	183
SL-20	118	146	597	287	892	84	93	240



TSC-25 & TSC-40

- ◆ PE insulate cable stripper.
- ◆ Adjustable bolt design, free to adjust the outer diameter of cable, do not need to change the mold.
- ◆ Using the bearing rotation design, simple operation, easy to rotate and strip the cable.

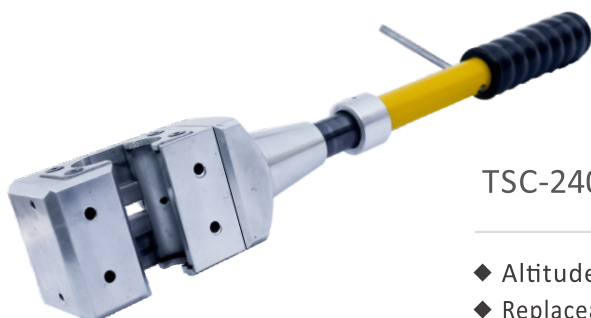
Item	Max. Stripper Diameter (mm)	Weight (Kg)
TSC-25	D38	0.68
TSC-40	D50	1.22

TSC-130

- ◆ PE insulate cable stripper.
- ◆ Adjustable bolt design, free to adjust the outer diameter of cable, do not need to change the mold.
- ◆ Using the bearing rotation design, simple operation, easy to control the cutting size and rotate, strip the cable.



Item	Stripper Diameter (mm)	Weight (Kg)
TSC-130	D80~D130	3.2



TSC-240

- ◆ Altitude bifurcation line dedicated stripper.
- ◆ Replaceable blade, with different diameter to take the epidermis off, the cut surface is smooth, fast and easy.
- ◆ Handle is made of F.R.P material that can insulate voltage.

Item	Stripper Range (mm ²)	Weight (Kg)	Size (mm)	Remark
TSC-240	50, 70, 95, 120, 150, 185, 240	1.8	510X90X70	Additional blades can be purchased separately

ACSR-87



- ◆ ACSR dedicated stripper.
- ◆ With a the rotating blade to strip LGJ aluminum surface, cut surface smoothly. Do not hurt or flattened strand wire



Item	Max. Stripper Range (mm ²)	Weight (g)	Size (mm)
ACSR-87	LGJ-400	0.75	240X100X45

KS-170



◆ Mini stripper, stripping length can be adjusted.

Item	Stripper Range (mm ²)	Weight (g)	Size (mm)
KS-170	0.5-6	200	190X170X20

GD-163

◆ Multi-functional stripping, crimping, cutting tools.



Item	Stripper Range (mm ²)	Cutting Range (mm ²)	Compression Range (mm ²)	Size (mm)
GD-163	0.13-8.0	0.13-8.0	1.5-6.0	320

ME-A.B.E

◆ Pocket-size stripper.



Item	Stripper Range (mm ²)	Weight (g)	Size (mm)
ME-A	0.5-2.0	340	160X130X35
ME-B	1.0-3.2	340	160X130X35
ME-E	0.5-3.2	340	160X130X35

Cable Stripper



Item	Stripper Diameter (mm)	Weight (g)	Size (mm)
CS-28	4-28	60	132X25X27
CS-35	28-35	70	150X45X27
CS-50	35-50	80	160X53X27



Item	Stripper Diameter (mm)	Weight (g)	Size (mm)
CSC-28A	8-28	80	180X28X30
CSC-28B	8-28	80	180X28X30



Item	Stripper Diameter (mm)	Weight (g)	Size (mm)
W-325	8-28	110	140X45X30