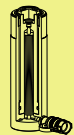


RSC Series



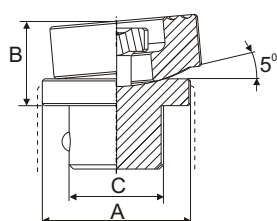
Capacity:
5-100 ton
Stroke:
16-362mm
Maximum Operating Pressure:
700 bar

RSC 液壓單動彈簧回縮，外牙式千斤頂

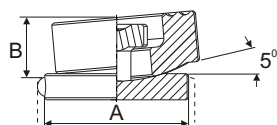
- 液壓缸外螺牙及底座螺孔便於固定。(詳見規範)
- 主軸內螺牙(5ton~30ton)便於安裝於特製工件或設計。
- 主軸上的銅合金圈可預防偏心荷載所造成的刮傷。
- 主軸硬鉻處理耐磨、抗腐蝕。
- 油缸內壁硬鉻處理，於高濕度氣候更耐磨、抗腐蝕。
- 防塵環減少污染物附著。
- 上螺帽保護主軸超揚昇及全揚程荷載。
- 表面粉體塗裝美觀抗腐蝕、防銹。
- 外螺牙均含保護套。
- 各型號均含SQB-3/8UF快速接頭及防塵蓋。

Single-Acting, Spring return Collar thread Cylinders

- ※Equip with collar thread and base holes (on most model), for greater flexibility in mounting onto fixture.(see page 16 for details)
- ※Equip with inner plunger thread (5 ton to 30 ton) for greater flexibility in designing fixture.
- ※Bronze alloy bearing on plunger to minimize scoring due to off-centre load.
- ※Hard chrome plated plunger to resists wear and corrosion.
- ※Inner barrel wall are hard chrome plated to resists wear and corrosion in high humidity atmosphere.
- ※Equip with wiper seals to prevent ingress of dirt.
- ※Equip with stop-ring to prevent plunger blow-out and withstands full "Dead-End" load.
- ※Powder coated finish for greater corrosion protection.
- ※Equip with plastic cap to protect collar threads.
- ※Come with SQB-3/8UF female coupler & dust cap.



XKCAT-10, 50



XKCAT-100

選配墊塊尺寸 Optional Saddle Dimensions (mm)

油壓缸 型號-能力 Cylinder Model/Cap. (ton)	型號 樣式：傾斜墊塊 Model Number Type : Tilt	A	B	C
RSC-10 , RSC-15 Except RSC-101	XKCAT-10	35	20	22
RSC-25 , RSC-30	XKCAT-50	50	21	35
RSC-50 , RSC-75 RSC-100	XKCAT-100	71	24	-



墊塊/鞍座 Saddle

RSC-系列 均配有高硬度可移除式溝槽墊塊於起重時具防滑作用。偏心起重時請選用傾斜墊塊。

RSC-Series are equipped with hardened removable "Ribbed saddles" to prevent slippage during jacking. For off-center loading application, see optional tilting saddle.

	焊提把 Weldable
	吊環螺栓 Eyebolt
	活動提把 Removable strap handles
	螺牙式活動提把 Thread

提把型式 Handle type
(S) : 標準配件 standard equipped
(O) : 選配 option
● 焊提把 Weldable
★ 吊環螺栓 Eyebolt
▲ 活動提把 Removable strap handles
■ 螺牙式活動提把 Thread



RSC-25噸 復軌實例應用
RSC-25 ton rail way application



RSC & 泵浦特殊訂製
RSC & Pump -specific purpose

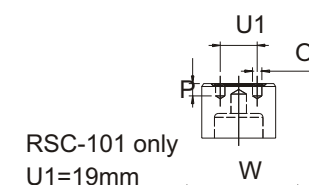
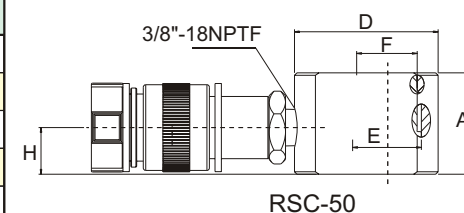
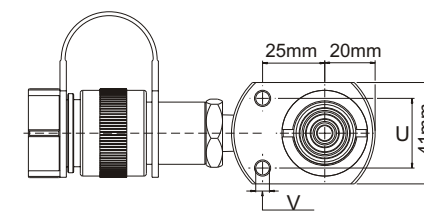
快速規範 QUICK SELECTION CHART								
提把型式 Handle type	型 號 Model Number	能 力 Cylinder Capacity	揚 程 Stroke	受壓面積 Cylinder Effective Area	總油量 Oil Capacity	本身高 Collapsed Height	主軸內牙 Plunger internal Thread	重 量 Weight
(O) (S)		ton (kN)	(mm)	(cm ²)	(cm ³)	A (mm)	O (in)	(kg)
	RSC-50	5 (45)	16	6.5	10	41	—*	1.0
	RSC-51		25	6.5	16	110	3/4"-16	1.0
	RSC-53		76	6.5	50	165	3/4"-16	1.5
	RSC-55		127	6.5	83	215	3/4"-16	1.9
	RSC-57		177	6.5	115	273	3/4"-16	2.4
	RSC-59	10 (101)	232	6.5	151	323	3/4"-16	2.8
	RSC-101		26	14.5	38	89	#10-24UN	1.8
	RSC-102		54	14.5	78	121	1"-8	2.3
	RSC-104		105	14.5	152	171	1"-8	3.3
	RSC-106		156	14.5	226	247	1"-8	4.4
	RSC-108		203	14.5	294	298	1"-8	5.4
	RSC-1010		257	14.5	373	349	1"-8	6.4
	RSC-1012	15 (142)	304	14.5	441	400	1"-8	6.8
	RSC-1014		356	14.5	516	450	1"-8	8.2
	RSC-151		25	20.3	51	124	1"-8	3.3
	RSC-152		51	20.3	104	149	1"-8	4.1
	RSC-154		101	20.3	205	200	1"-8	5.0
	RSC-156		152	20.3	308	271	1"-8	6.8
	RSC-158		203	20.3	411	322	1"-8	8.2
	RSC-1510	25 (232)	254	20.3	516	373	1"-8	9.5
	RSC-1512		305	20.3	619	423	1"-8	10.9
	RSC-1514		356	20.3	723	474	1"-8	11.8
	RSC-251		26	33.2	86	139	1 1/2"-16	5.9
	RSC-252		50	33.2	166	165	1 1/2"-16	6.4
	RSC-254		102	33.2	339	215	1 1/2"-16	8.2
	RSC-256		158	33.2	525	273	1 1/2"-16	10.0
	RSC-258	30(295)	210	33.2	697	323	1 1/2"-16	12.2
	RSC-2510		261	33.2	867	374	1 1/2"-16	14.1
	RSC-2512		311	33.2	1033	425	1 1/2"-16	16.3
	RSC-2514		362	33.2	1202	476	1 1/2"-16	17.7
	RSC-308	50 (498)	209	42.1	880	387	—	18.1
	RSC-502		51	71.2	362	176	—	15.0
	RSC-504		101	71.2	719	227	—	19.1
■	RSC-506	75 (718)	159	71.2	1131	282	—	23.1
▲	RSC-5013		337	71.2	2399	460	—	37.6
▲	RSC-756	100 (933)	156	102.6	1601	285	—	29.5
▲	RSC-7513		333	102.6	3417	492	—	59.0
▲ ●	RSC-1004	100 (933)	102	133.3	1355	204	—	33.1
▲ ★	RSC-1006		168	133.3	2239	357	—	59.0
▲ ★	RSC-1008		203	133.3	2709	357	—	59.0
▲ ★	RSC-10010		260	133.3	3466	449	—	72.6

*RSC-50油壓缸具不可拆卸溝槽墊塊且無外螺牙
RSC-50 cylinder has non-removable grooved saddle and no collar thread.

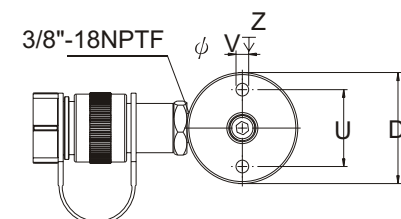
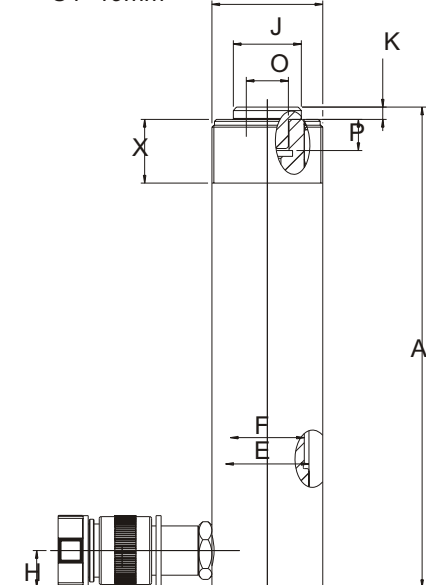
型 號 Model Number	外部尺寸 Outer Dimension											
	能 力	揚 程	受壓面積	總油量	本身高	伸長總高	外 徑	內 徑	主軸直徑	底部前進油孔位置	墊塊直徑	突出高度
	Cylinder Capacity ton(kN)	Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	Collapsed Height A (mm)	Extended Height (mm)	Outside Diam. D (mm)	Cylinder Bore Diam. E (mm)	Plunger Diam. F (mm)	Base to Adv. Port H (mm)	Saddle Diam. J (mm)	Saddle Protrusion from Plngr. K (mm)
RSC-50	5 (45)	16	6.5	10	41	57	58	28.7	25.4	19	—*	—*
RSC-51		25	6.5	16	110	135	38	28.7	25.4	19	25	6
RSC-53		76	6.5	50	165	241	38	28.7	25.4	19	25	6
RSC-55		127	6.5	83	215	342	38	28.7	25.4	19	25	6
RSC-57		177	6.5	115	273	450	38	28.7	25.4	19	25	6
RSC-59		232	6.5	151	323	555	38	28.7	25.4	19	25	6
RSC-101	10 (101)	26	14.5	38	89	115	57	42.9	38.1	19	—	—
RSC-102		54	14.5	78	121	175	57	42.9	38.1	19	35	6
RSC-104		105	14.5	152	171	276	57	42.9	38.1	19	35	6
RSC-106		156	14.5	226	247	403	57	42.9	38.1	19	35	6
RSC-108		203	14.5	294	298	501	57	42.9	38.1	19	35	6
RSC-1010		257	14.5	373	349	606	57	42.9	38.1	19	35	6
RSC-1012		304	14.5	441	400	704	57	42.9	38.1	19	35	6
RSC-1014		356	14.5	516	450	806	57	42.9	38.1	19	35	6
RSC-151	15 (142)	25	20.3	51	124	149	69	50.8	41.4	19	38	9
RSC-152		51	20.3	104	149	200	69	50.8	41.4	19	38	9
RSC-154		101	20.3	205	200	301	69	50.8	41.4	19	38	9
RSC-156		152	20.3	308	271	423	69	50.8	41.4	25	38	9
RSC-158		203	20.3	411	322	525	69	50.8	41.4	25	38	9
RSC-1510		254	20.3	516	373	627	69	50.8	41.4	25	38	9
RSC-1512		305	20.3	619	423	728	69	50.8	41.4	25	38	9
RSC-1514		356	20.3	723	474	830	69	50.8	41.4	25	38	9
RSC-251	25 (232)	26	33.2	86	139	165	85	65.0	57.2	25	50	10
RSC-252		50	33.2	166	165	215	85	65.0	57.2	25	50	10
RSC-254		102	33.2	339	215	317	85	65.0	57.2	25	50	10
RSC-256		158	33.2	525	273	431	85	65.0	57.2	25	50	10
RSC-258		210	33.2	697	323	533	85	65.0	57.2	25	50	10
RSC-2510		261	33.2	867	374	635	85	65.0	57.2	25	50	10
RSC-2512		311	33.2	1033	425	736	85	65.0	57.2	25	50	10
RSC-2514		362	33.2	1202	476	838	85	65.0	57.2	25	50	10
RSC-308	30(295)	209	42.1	880	387	596	101	73.2	57.2	57	50	10
RSC-502	50 (498)	51	71.2	362	176	227	127	95.2	79.5	33	71	2
RSC-504		101	71.2	719	227	328	127	95.2	79.5	33	71	2
RSC-506		159	71.2	1131	282	441	127	95.2	79.5	35	71	2
RSC-5013		337	71.2	2399	460	797	127	95.2	79.5	35	71	2
RSC-756	75 (718)	156	102.6	1601	285	441	146	114.3	95.2	30	71	5
RSC-7513		333	102.6	3417	492	825	146	114.3	95.2	30	71	5
RSC-1004	100 (933)	102	133.3	1355	204	306	177	130.3	104.9	41	71	2
RSC-1006		168	133.3	2239	357	525	177	130.3	104.9	41	71	2
RSC-1008		203	133.3	2709	357	576	177	130.3	104.9	41	71	2
RSC-10010		260	133.3	3466	449	709	177	130.3	104.9	41	71	2

*RSC-50油壓缸具不可拆卸溝槽墊塊且無外螺牙
RSC-50 cylinder has non-removable grooved saddle and no collar thread.

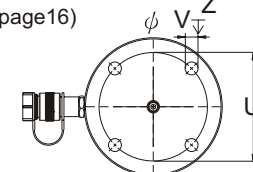
型 號 Model Number	牙紋尺寸 Threads Dimension				底座螺孔 Base Mounting Holes			重 量 Wt. (kg)
	主軸內牙	內牙深度	油缸外牙	外牙長度				
	Plunger Internal Thread O (in)	Plunger Thread Length P (mm)	Collar Thread W (in)	Collar Thread Length X (mm)	底座孔距 Bolt Circle U (mm)	底座螺紋 Thread V (in)	螺紋深度 Thread Depth Z (mm)	
RSC-50	—*	—*	—	—	28	5.6mm	—	1.0
RSC-51	3/4"-16	14	1½"-16	28	25	1/4"-20UN	14	1.0
RSC-53	3/4"-16	14	1½"-16	28	25	1/4"-20UN	14	1.5
RSC-55	3/4"-16	14	1½"-16	28	25	1/4"-20UN	14	1.9
RSC-57	3/4"-16	16	1½"-16	28	25	1/4"-20UN	14	2.4
RSC-59	3/4"-16	16	1½"-16	28	25	1/4"-20UN	14	2.8
RSC-101	#10-24UN	6	2¼"-14	26	39	5/16"-18UN	12	1.8
RSC-102	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	2.3
RSC-104	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	3.3
RSC-106	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	4.4
RSC-108	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	5.4
RSC-1010	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	6.4
RSC-1012	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	6.8
RSC-1014	1"-8	19	2¼"-14	26	39	5/16"-18UN	12	8.2
RSC-151	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	3.3
RSC-152	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	4.1
RSC-154	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	5.0
RSC-156	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	6.8
RSC-158	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	8.2
RSC-1510	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	9.5
RSC-1512	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	10.9
RSC-1514	1"-8	25	2¾"-16	30	47	3/8"-16UN	12	11.8
RSC-251	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	5.9
RSC-252	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	6.4
RSC-254	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	8.2
RSC-256	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	10.0
RSC-258	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	12.2
RSC-2510	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	14.1
RSC-2512	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	16.3
RSC-2514	1½"-16	25	3⅝"-12	49	58	1/2"-13UN	19	17.7
RSC-308	1½"-16	25	3⅝"-12	49	—	—	—	18.1
RSC-502	—	—	5"-12	55	95	1/2"-13UN	19	15.0
RSC-504	—	—	5"-12	55	95	1/2"-13UN	19	19.1
RSC-506	—	—	5"-12	55	95	1/2"-13UN	19	23.1
RSC-5013	—	—	5"-12	55	95	1/2"-13UN	19	37.6
RSC-756	—	—	5¾"-12	44	—	—	—	29.5
RSC-7513	—	—	5¾"-12	44	—	—	—	59.0
RSC-1004	—	—	6⅞"-12	44	—	—	—	33.1
RSC-1006	—	—	6⅞"-12	44	139	3/4"-10UN	25	59.0
RSC-1008	—	—	6⅞"-12	44	139	3/4"-10UN	25	59.0
RSC-10010	—	—	6⅞"-12	44	139	3/4"-10UN	25	72.6



RSC-101 only
U1=19mm



RSC-51 to RSC-5013 models
(see page 16)



RSC-1006 and RSC-10010 models