

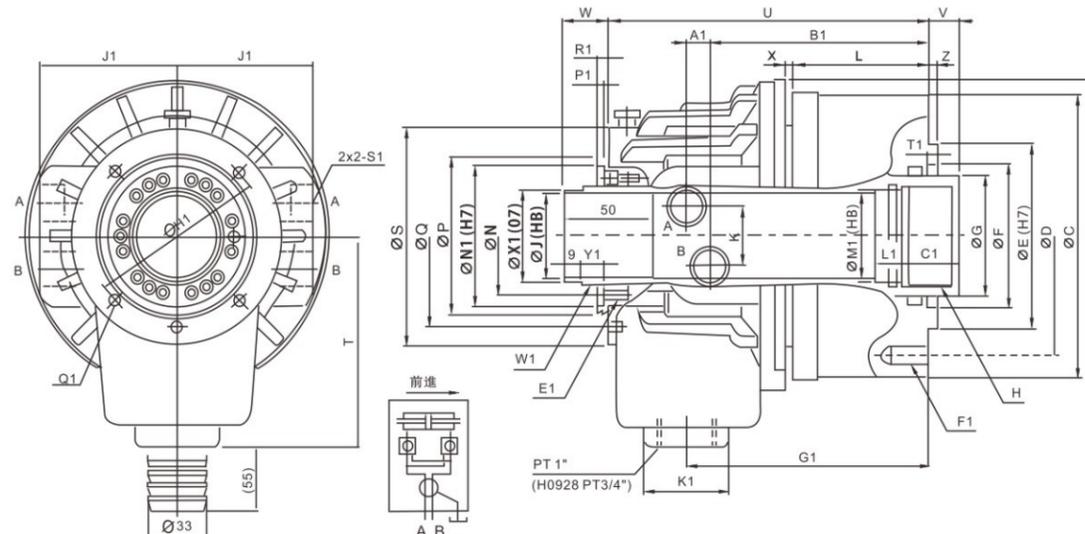
> H SERIES 高速中空回轉油壓缸

HIGH SPEED THROUGH-HOLE ROTARY HYDRAULIC CYLINDER



- 小型輕量：比起傳統的制品，實現小型（MAX 95mm 短縮），輕量（MAX 4.5kg減輕化）。高速回轉時的性能更穩定，更減輕機械的負擔。
- 更大的貫通孔：比起以往的制品約有提高20%的貫通孔，可使機械的能力充分的活用。
- 安全構造：籍止回閥的內藏保持能力的構造。
- Compact and light weight :
Comparing with the regular product, it is compact (reduced to MAX 95mm) and lighter (weighted MAX 4.5kg).
- It's more stable to reduce the burden of the machinery at high speed turning.
The largest bore : Comparing with the regular product, it has about 20% larger
- bore diameter forutilizing the capacity of machinery.
- The safety structure : It can retain the gripping force by check valve.

型號 Model	活塞直徑 Piston Dia (mm)	活塞面積推側/拉側 Piston Area (cm²) Push Side / Pull Side	最大拉杆拉力推側/拉側 Max. Draw Bar Force KN(kgf) Push Side / Pull Side	活塞行程 Piston Stroke (mm)	最大使用壓力 Max. Operating Pressure MPa(kgf / cm²)	最高回轉速 max r.p.m	慣性矩 kg·m²	重量 Weight (kg)	總流量 Total Leakage L/min
H-0928	90	53.2 / 48.3	19.9(2029) / 18(1835)	10	4.0 (40.8)	8000	0.006	5.5	3
H-1036	105	71 / 68.5	26(2651) / 25(2549)	15	4.0 (40.8)	8000	0.011	8.6	3
H-1038	105	71 / 66	26(2651) / 24.5(2498)	15	4.0 (40.8)	8000	0.011	8.5	3
H-1236	125	100 / 89	38(3875) / 33(3365)	15	4.0 (40.8)	7000	0.019	13	3
H-1246	125	100 / 89	38(3875) / 33(3365)	15	4.0 (40.8)	7000	0.019	12	3
H-1546	155	161 / 154	60(6118) / 57.8(5894)	22	4.0 (40.8)	6200	0.056	18	3.9
H-1552	155	161 / 150	60(6118) / 56(5710)	22	4.0 (40.8)	6200	0.052	16.8	3.9
H-1868	180	198 / 197	74(7546) / 73.5(7495)	25	4.0 (40.8)	4700	0.098	28	4.2
H-1870	180	198 / 183	74(7546) / 69(7036)	25	4.0 (40.8)	4700	0.095	26.5	4.2
H-1875	180	198 / 183	74(7546) / 69(7036)	25	4.0 (40.8)	4700	0.095	26	4.2
H-1878	180	198 / 183	74(7546) / 69(7036)	25	4.0 (40.8)	4700	0.095	25.5	4.2
H-2078	205	262 / 234	98(9993) / 88(8973)	23	4.0 (40.8)	3800	0.15	36.5	4.5
H-2085	205	252 / 234	94(9585) / 88(8973)	30	4.0 (40.8)	3800	0.15	37.5	4.5
H-2091	205	252 / 234	94(9585) / 88(8973)	30	4.0 (40.8)	3800	0.15	37	4.5
H-2511	250	348 / 336	124(12644) / 120(12236)	23	4.0 (40.8)	2800	0.45	57	7
H-2511S	250	348 / 336	124(12644) / 120(12236)	23	4.0 (40.8)	2800	0.41	53	7



型號 Model	A1	B1	C1	E1	F1	G1	H1	J1	K1	L1	M1	N1	P1	Q1	R1	S1	T1	U1	W1	X1	Y1
H-0928	9	108	25	8-M6x10	6-M8x15	110	76	58	44	15	34	53	4	4-M4x17	5	PT 1/4"	6	116	M34x1.5	32	15
H-1036	11	120.5	25	6-M5x10	6-M10x17	126	88	68	53	15	38	64	4	6-M5x12	5	PT 3/8"	6	136	M44x1.5	42	14
H-1038	11	120.5	25	6-M5x10	6-M10x17	126	88	68	53	15	40	64	4	6-M5x12	5	PT 3/8"	6	136	M44x1.5	42	14
H-1236	11	126.5	25	6-M6x12	12-M10x20	135	98	76	47	15	38	76	4	4-M5x12	6	PT 1/2"	6	169	M52x1.5	50	14
H-1246	11	126.5	30	6-M6x12	12-M10x20	135	98	76	47	15	50	76	4	4-M5x12	6	PT 1/2"	6	169	M52x1.5	50	14
H-1546	11	133.5	30	6-M6x12	12-M10x20	145	110	86	47	15	50	85	4	4-M6x12	7	PT 1/2"	6	188	M58x1.5	56	13.5
H-1552	11	133.5	30	6-M6x12	12-M10x20	145	110	86	47	15	55	85	4	4-M6x12	7	PT 1/2"	6	188	M58x1.5	56	13.5
H-1868	17.5	152.5	35	6-M6x12	12-M10x20	166.5	155	101	47	15	70	108	4	4-M6x12	7.5	PT 1/2"	6	215	M84x2	81	12.5
H-1870	17.5	152.5	35	6-M6x12	12-M10x20	166.5	155	101	47	15	75	108	4	4-M6x12	7.5	PT 1/2"	6	215	M84x2	81	12.5
H-1875	17.5	152.5	35	6-M6x12	12-M10x20	166.5	155	101	47	15	80	108	4	4-M6x12	7.5	PT 1/2"	6	215	M84x2	81	12.5
H-1878	17.5	152.5	35	6-M6x12	12-M10x20	166.5	155	101	47	20	82	108	4	4-M6x12	7.5	PT 1/2"	6	215	M84x2	81	12.5
H-2078	21	166.5	35	6-M6x12	12-M12x24	182	165	110	47	20	84	120	4	4-M6x12	7	PT 1/2"	6	240	M99x2	96	20
H-2085	21	166.5	35	6-M6x12	12-M12x24	182	165	110	47	20	89	120	4	4-M6x12	7	PT 1/2"	6	240	M99x2	96	13
H-2091	21	166.5	35	6-M6x12	12-M12x24	182	165	110	47	15	95	120	4	4-M6x12	7	PT 1/2"	6	240	M99x2	96	13
H-2511	27	184.5	45	6-M6x12	12-M16x32	197	206	129	55	20	123	160	5	4-M6x12	7	PT 1/2"	6	294	-	134.6	-
H-2511S	21	169.5	45	6-M6x12	12-M16x32	192	206	132	55	20	123	160	5	4-M6x12	7	PT 1/2"	6	294	-	134.6	-

型號 Model	C	D	E	F	G	H	J	K	L	N	P	Q	S	T	U	V max.	V min.	W max.	W min.	X	Z
H-0928	120	100	80	65	44	M38x1.5	28	25	63	44	59	76	90	105	151	14	4	35	25	3	5
H-1036	136	115	100	65	48	M42x1.5	36	32	71	55	73	88	104	115	174.5	15	0	39	24	2.5	5
H-1038	136	115	100	65	50	M44x1.5	38	32	71	55	73	88	104	115	174.5	15	0	39	24	2.5	5
H-1236	155	130	100	80	65	M42x1.5	36	36	76	64	85	98	118	114	179	15	0	40	25	4	5
H-1246	155	130	100	80	65	M55x2	46	36	76	64	85	98	118	114	179	15	0	40	25	4	5
H-1546	190	170	130	85	65	M55x2	46	36	84	73	96	114	137	130	190.5	22	0	47.5	25.5	3.5	5
H-1552	190	170	130	85	70	M60x2	52	36	84	73	96	114	137	130	190.5	22	0	47.5	25.5	3.5	5
H-1868	215	190	160	120	85	M75x2	68	36	95	98	121	140	165	159	225	25	0	50	25	3	5
H-1870	215	190	160	120	95	M78x2	70	36	95	98	121	140	165	159	225	25	0	50	25	3	5
H-1875	215	190	160	120	95	M85x2	75	36	95	98	121	140	165	159	225	25	0	50	25	3	5
H-1878	215	190	160	120	95	M87x2	78	36	95	98	121	140	165	159	225	25	0	50	25	3	5
H-2078	240	215	180	140	110	M90x2	78	36	104	108	138	158	182	177	248	23	0	55	32	3	5
H-2085	240	215	180	140	110	M93x2	85	36	104	108	138	158	182	177	248	30	0	55	25	3	5
H-2091	240	215	180	140	110	M100x2	91	36	104	108	138	158	182	177	248	30	0	55	25	3	5
H-2511	310	275	230	166	140	M130x2	117.5	36	101	148	178	190	232	215	290	24	1	38	15	3	6
H-2511S	310	275	230	166	140	M130x2	117.5	36	101	148	178	190	232	215	258	24	1	38	15	3	6

* 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information
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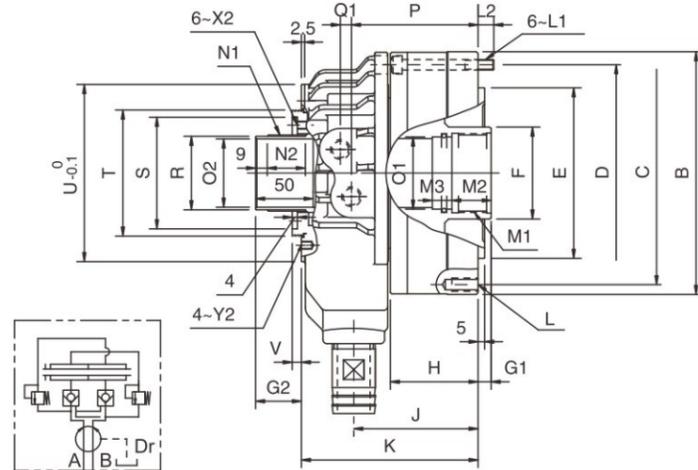
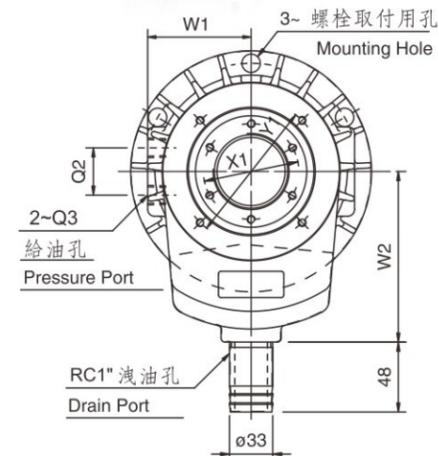
> HK SERIES

超短型中空回轉油壓缸 (一)

SHORT TYPE ROTATING HYDRAULIC CYLINDER WITH THROUGH-HOLE AND SAFETY DEVICE



- 超短，大孔徑型回轉油壓缸，全長僅為從來型的2/3。
- 內建逆止閥自鎖機構及壓力洩壓閥。
- 安裝時可前後選擇固定。
- Super short form, light weight large Through-Hole, just as 2/3 of typical model length.
- Built-in safety check valves and pressure relief valves.
- Forward and backward choose a fixed installation.



規格 Spec 型號 Model	活塞面積 Eff. piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量 Weight (kg)	總流量 Total Leakage L/min
	伸側 Extend	拉側 Retract						
HK-1036	70	68	12	8000	4.0(40)	0.012	9.0	3.0
HK-1246	100	89	15	7000		0.019	11	3.9
HK-1552	160	150	20	6200		0.032	17.3	
HK-1875	198	183	25	4700		0.065	26.5	

寸法 Size 型號 Model	A 內徑ID	B	C	D	E h7	F	G1		G2		H	J	K	L	L1	L2	M1	M2	M3
							max	min	max	min									
HK-1036	105	150	125	110	45	12		37		50	78.5	118	6-M10X20	M8X55				25	13
HK-1246	128	162	147	130	65	15	0	40	25	57	85	126		M8X65	15		M42X1.5		
HK-1552	145	185	170	165	130	70	20	45		66	95	135	12-M10X20	M8X70	12		30	15	
HK-1875	170	212	190	160	98	25	50			73	107	157		M10X80	17		35		

寸法 Size 型號 Model	N1	N2	O1 H8	O2 H8	P	Q1	Q2	Q3	R g7	S H7	T	U	V	W1	W2	X1	X2	Y1	Y2
HK-1246	M52X1.5P	29	50	46	88	8.5		36	RC3/8	50	76	85	116	75	120	64		98	
HK-1552	M58X1.5P		55	52	97				56	85	96	128		80	130	73	M6X7	110	M6X6
HK-1875	M84X2P	33	80	75	109	12	40	RC1/2	51	108	121	164	7	98	160	98	M6X8	155	M6X8

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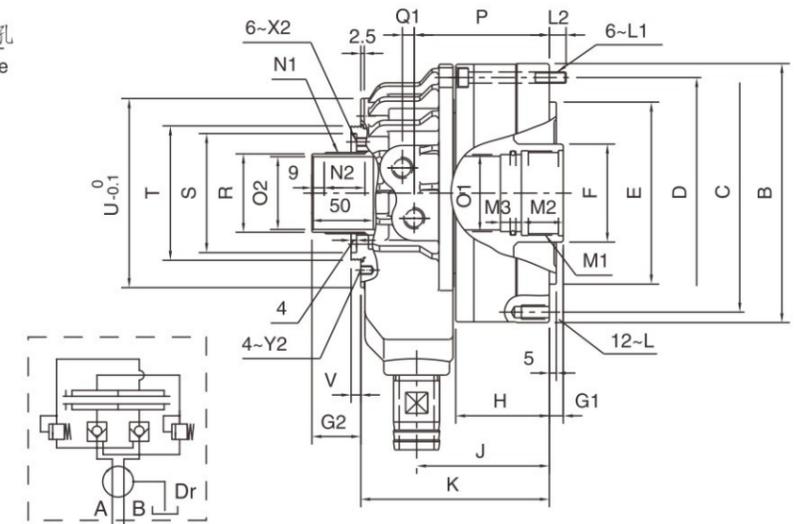
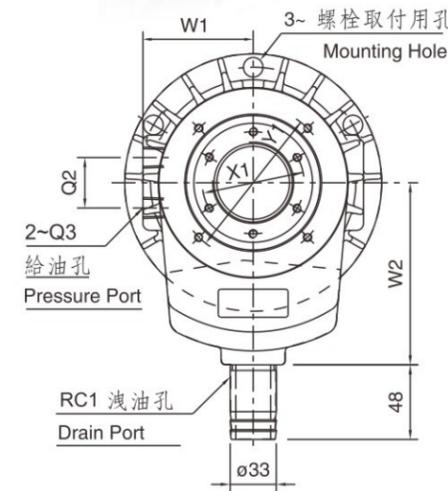
> HK SERIES

超短型中空回轉油壓缸 (二)

SHORT TYPE ROTATING HYDRAULIC CYLINDER WITH THROUGH-HOLE AND SAFETY DEVICE



- 超短，大孔徑型回轉油壓缸，全長僅為從來型的2/3。
- 內附逆止閥自鎖機構及壓力洩壓閥。
- 安裝時可前後選擇固定。
- Super short form, light weight large Through-Hole, just as 2/3 of typical model length.
- Built-in safety check valves and pressure relief valves.
- Forward and backward choose a fixed installation.



寸法 Size 型號 Model	活塞面積 Eff. piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最高使用壓力 (kgf/cm ²) Mpa Max. pressure	慣性矩 kg·m ²	重量 (kg) Weight	總流量 Total Leakage L/min
	伸側 Extend	拉側 Retract						
HK-2091	234.0	217.5	30	3800	4.0(40)	0.092	24.8	4.5
HK-2511	356.5	335.3	35	3000	3.5(35)	0.38	49.5	7.0
HK-2114	373.2	336.1	35	2500	3.5(35)	0.54	58.2	8.0

寸法 Size 型號 Model	A 內徑ID	B	C	D	E h7	F	G1		G2		H	J	K	L	L1	L2	M1	M2	M3	
							max	min	max	min										
HK-2091	200	245	215	225	180	110		30	0	55	25	87	127	185	M12x24	M10x95	18.5	M100x2	35	15
HK-2511	250	305	275	280	230	140						100	154	224	M16x32	M12X110	22.5	M130x2		
HK-2114	265	320	295	295	240	165		35		60		115	173.5	247.5		M12X120	17.5	M155x2	45	20

寸法 Size 型號 Model	N1	N2	O1 H8	O2 H8	P	Q1	Q2	Q3	R g7	S H7	T	U	V	W1	W2	X1	X2	Y1	Y2	
																				HK-2091
HK-2511	M130x2.0	38	125	120	152				RC1/2	126	150	170	227	7	134	210	138	M6x10	210	M6x10
HK-2114	M150x2.0		145	140	170	17	50			146	170	190	250		145	210	160		230	

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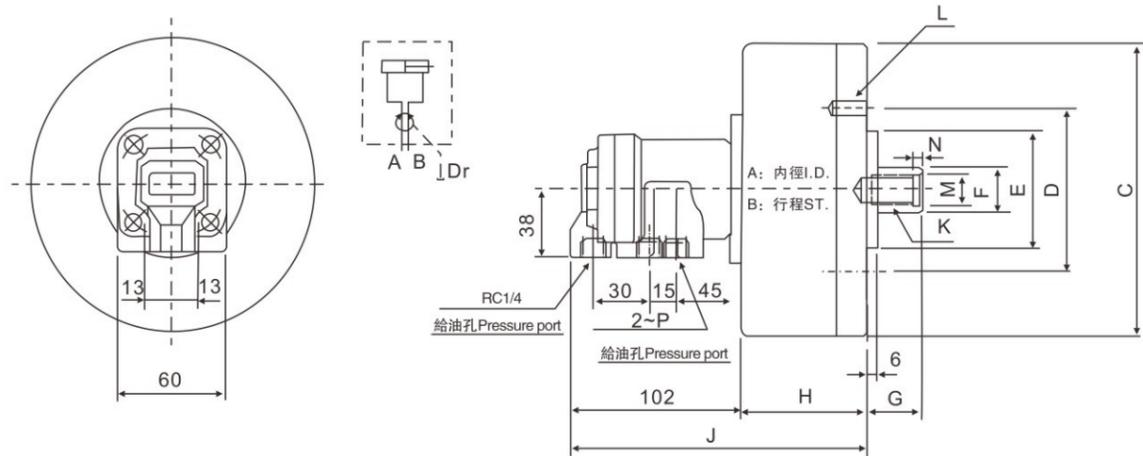
> S SERIES

中實回轉油壓缸

ROTARY HYDRAULIC CYLINDER



- ◎ 回轉閥體與缸體皆採用特殊輕合金製造而成，重量輕。
- ◎ 回轉閥經特殊設計，使得內部的軸承能充分的潤滑及冷卻，而能耐高速回轉，增長壽命。
- ◎ The rotary valve and cylinder body ,all made of special light alloy, light-weight.
- ◎ Through unique design,the rotary valve enables the inside bearing to get sufficient lubricating and cooling and endure high-speed rotary for longer service life.
- ◎ 洩油孔配管務必單獨接回油壓槽，以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract					
S-65	31.0	27.9	15	6000	3.5(35)	0.01	2.9
S-80	47.7	42.8	15	6000		0.01	3.4
S-100	75.4	70.5	20	5500		0.04	4.9
S-125	119.6	112.5	25	5500	4.0(40)	0.08	6.8
S-150	173.6	157.7	30	4000		0.18	11.5
S-200	310.0	286.3	35	4000		0.38	20.4

規格 Spec 型號 Model	A	B	C	D	E h7	F	G		H	J	K	L	M H8	N	P
							max	min							
S-65	65	15	98	80	60	22	45	30	74	175	M12x1.75x30	6~M8x16	-	4	RC3/8
S-80	80	15	112	90	65	25	45	30	74	175	M16x2.0x30	6~M8x16	-	4	RC3/8
S-100	100	20	135	100	80	25	45	25	89	190	M16x2.0x30	6~M10x20	-	4	RC3/8
S-125	125	25	160	130	110	30	50	25	96	197	M20x2.5x35	6~M12x20	-	4	RC3/8
S-150	150	30	190	130	110	45	55	25	105	206	M30x3.5x45	12~M12x24	31	5	RC1/2
S-200	200	35	245	145	120	55	70	35	130	231	M36x4.0x60	12~M16x30	37	5	RC1/2

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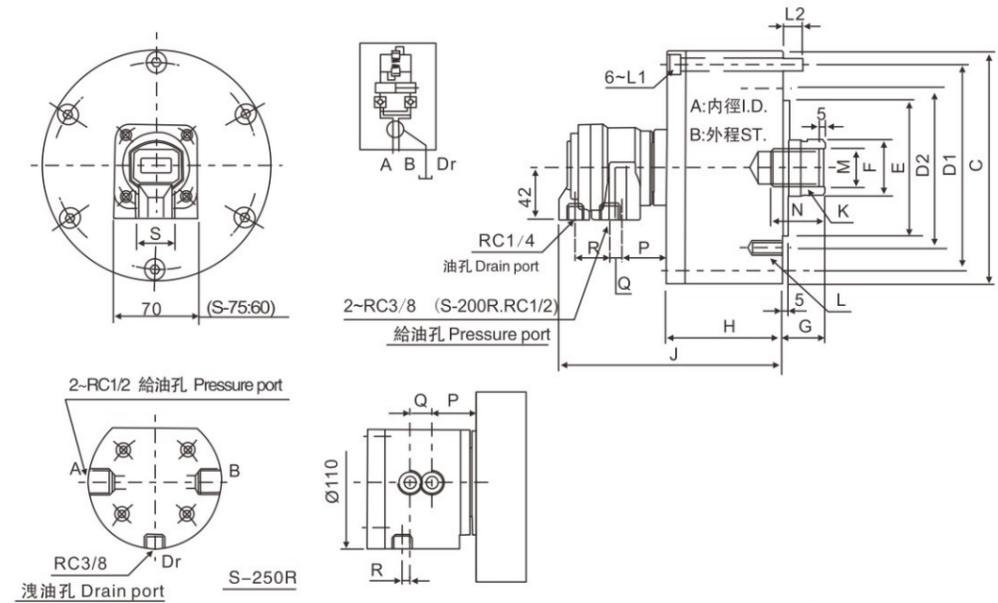
> S-R SERIES

中實回轉油壓缸附逆止閥

ROTARY HYDRAULIC CYLINDER WITH SAFETY DEVICE



- ◎ 短型,高速,輕量型回轉油壓缸。
- ◎ 內建逆止閥自鎖機構及壓力洩壓閥。
- ◎ 安裝時可由後端鎖固之。
- ◎ For short form ,light weight and high speed rotary cylinder.
- ◎ Built-in safety check valves and pressure relief valves.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ 洩油孔配管務必單獨接回油壓槽，以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract					
S-75R	44.2	37.1	15	6000	4.0(40)	0.01	2.9
S-100R	78.5	71.5	20	5500		0.03	4.4
S-125R	122.7	113.1	25	4000		0.05	6.9
S-150R	176.7	160.8	30	5500	5.0(50)	0.09	9.5
S-200R	314.1	290.4	35	4000		0.28	15.4
S-250R	469.1	436.0	60	2000		0.40	45.2

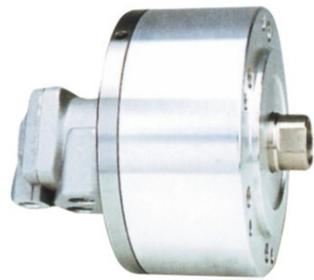
規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	J	K	L	L1	L2	M	N	P	Q	R	S
								max	min												
S-75R	75	15	107	90	65	30	45	30	57	148	175	M20x2.5	6~M8x16	M8x60	12	21	35	41.5	27.5	26	
S-100R	100	20	132	115	100	80	50	45	72	163	190	M24x3.0	6~M10x20	M8x75	12	25	40	39.5	10		
S-125R	125	25	160	140	130	110	60	50	82	172	206	M24x3.0	6~M12x20	M8x85	12	25	45	38.5			
S-150R	150	30	190	170	150	120	70	55	95	184	231	M30x3.5	12~M12x24	M10x100	16	32	45	37	28.5	32	
S-200R	200	35	245	220	145	120	80	70	115	201	266	M36x4.0	12~M16x30	M10x125	21	38	60	38	6		
S-250R	245	60	307	275	220	160	90	85	165	255	331	M42x3.0	12~M20x35	M16x175	28	45	65	33	18	6	28

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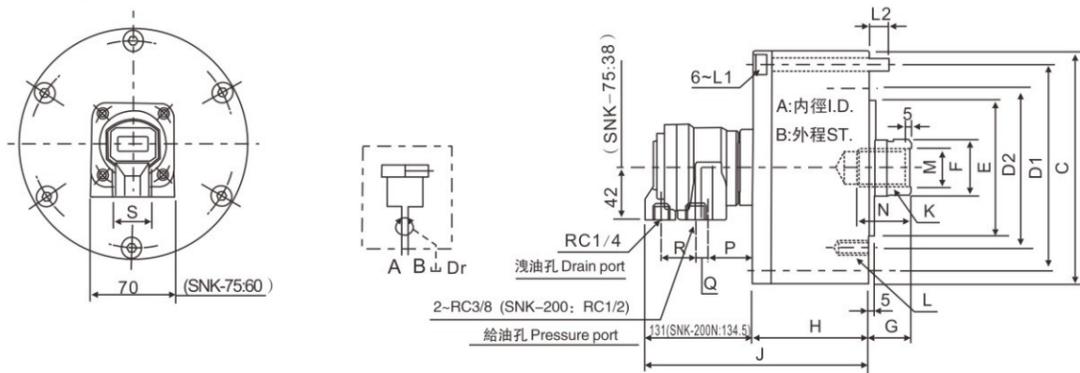
> SNK SERIES

短型中實回轉油壓缸

ROTARY HYDRAULIC CYLINDER



- ◎ 短型, 高速, 輕量型回轉油壓缸。
- ◎ 安裝時可由後端鎖固之。
- ◎ For short form, light weight and high speed rotary cylinder.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ 洩油孔配管務必單獨接回油壓槽, 以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract					
SNK-75	44.2	37.1	15	6000	4.0(40)	0.01	2.8
SNK-100	78.5	71.5	20			0.03	4.3
SNK-125	122.7	113.1	25	5500	5.0(50)	0.05	6.8
SNK-150	176.7	160.8	30			0.09	9.4
SNK-200	314.1	290.4	35	2000	5.0(50)	0.28	15.3
SNK-250	469.1	436.0	60			0.40	45.2

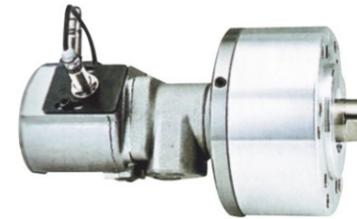
規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	J	K	L	L1	L2	M	N	P	Q	R	S
								max	min												
SNK-75	75	15	107	90	65	30	45	30	57	148	M20x2.5	6~M8x16	M8x60			21	35	28		27.5	26
SNK-100	100	20	132	115	100	80	30	45	72	163	6~M10x20	6~M10x20	M8x75	12		25	45	26	10		
SNK-125	125	25	160	140	130	110	35	50	25	82	M24x3.0	6~M12x20	M8x85			25	45	26	10	28.5	32
SNK-150	150	30	190	170			45	55		95	M30x3.5	12~M12x24	M10x100	16		32	45				
SNK-200	200	35	245	220	145	120	55	70	35	115	201	M36x4.0	12~M16x30	M10x125	21	38	60	30	6		
SNK-250	245	60	307	275	220	160	65	85	25	165	255	M42x3.0	12~M20x35	M16x175	28	45	65	37	18	6	28

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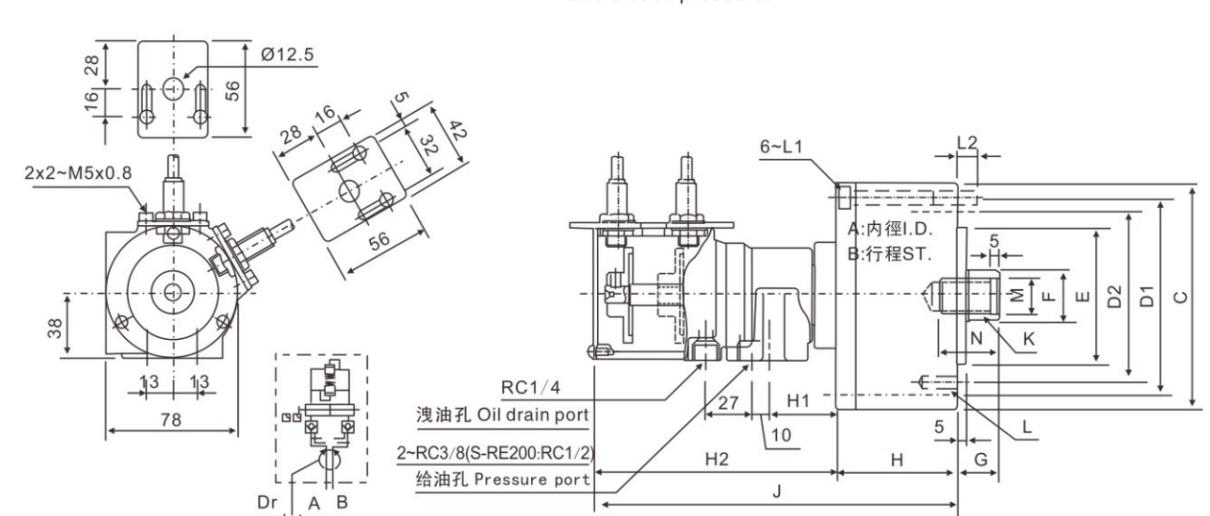
> S-RE SERIES

中實回轉油壓缸附安全及檢測

ROTARY HYDRAULIC CYLINDER WITH SAFETY AND DETECTION



- ◎ 短型, 高速, 行程控制型回轉油壓缸。
- ◎ 感應式近接開關, 行程調整容易, 可確認油壓缸正確作動。
- ◎ 內建逆止閥自鎖機構及壓力洩壓閥。
- ◎ 安裝時可由後端鎖固之。
- ◎ For short form, high speed and stroke control.
- ◎ To ensure safe power chuck operations by conforming movement of the piston in the cylinder.
- ◎ Built-in safety check valves and pressure relief valves.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ 洩油孔配管務必單獨接回油壓槽, 以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract					
S-75RE	43.0	37.1	15	6000	4.0(40)	0.01	3.4
S-100RE	77.4	71.5	20			0.04	4.9
S-125RE	121.6	113.1	25	5500	5.0(50)	0.05	7.4
S-150RE	175.6	160.8	30			0.10	10.7
S-200RE	313.0	290.4	35	2000	5.0(50)	0.29	15.9

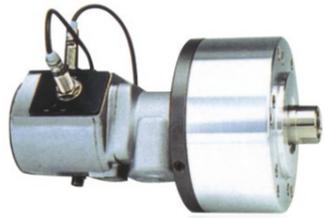
規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	H1	H2	J	K	L	L1	L2	M	N		
								max	min												
S-75RE	75	15	107	90	65	30	45	30	57	148	M20x2.5	6~M8x16	M8x60			21	35	28		27.5	26
S-100RE	100	20	132	115	100	80	30	45	72	163	6~M10x20	6~M10x20	M8x75	12		25	45	26	10		
S-125RE	125	25	160	140	130	110	35	50	25	82	M24x3.0	6~M12x20	M8x85			25	45	26	10	28.5	32
S-150RE	150	30	190	170			45	55		95	M30x3.5	12~M12x24	M10x100	16		32	45				
S-200RE	200	35	245	220	145	120	55	70	35	115	201	M36x4.0	12~M16x30	M10x125	21	38	60	30	6		

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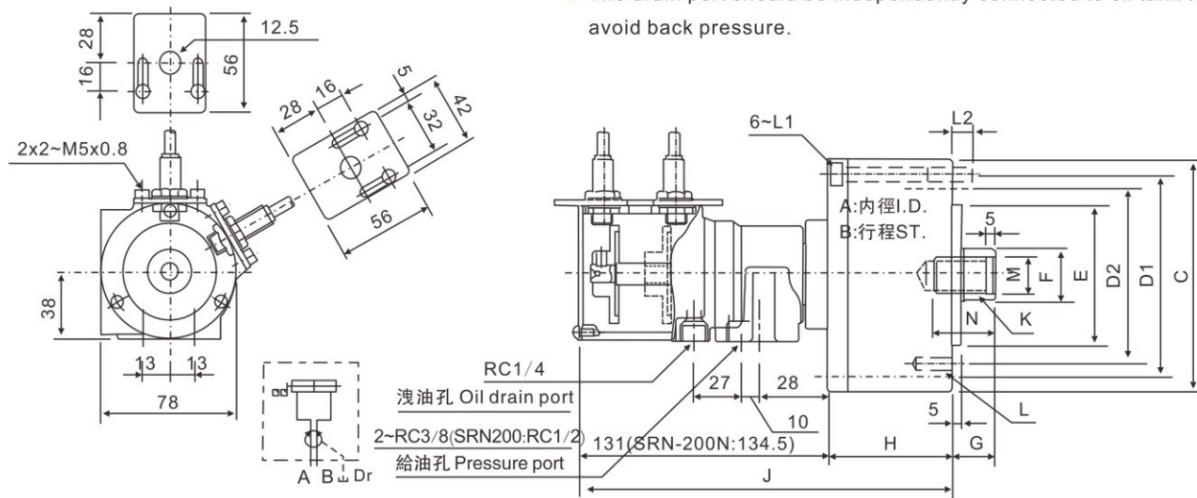
> SRN SERIES

中實回轉油壓缸附確認裝置

HYDRAULIC ROTARY CYLINDER WITH STROKE CONTROL



- 短型，高速，行程控制型回轉油壓缸。
- 感應式近接開關，行程調整容易，可確認油壓缸正確作動。
- 安裝時可由後端鎖固之。
- For short form ,high speed and stroke control.
- To ensure safe power chuck operations by conforming movement of the piston in the cylinder.
- Can screw it from the rear end of the cylinder when mounting.
- 洩油孔配管務必單獨接回油壓槽，以避免產生背壓。
- The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最高使用壓力 Mpa Max.pressure (kgf/cm ²)	慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract					
SRN-6520			20				3.2
SRN-6530	32.0	28.3	30	6000		0.01	3.3
SRN-75			15				
SRN-7530	43.0	37.1	30			0.013	3.7
SRN-100	77.4	71.5	20		4.0(40)	0.04	4.8
SRN-125	121.6	113.1	25			0.05	7.3
SRN-150	175.6	160.8	30	5500		0.15	10.6
SRN-200	313.0	290.4	35			0.29	15.9

規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	J	K	L	L1	L2	M H8	N
								max	min								
SRN-6520	65	20	97	80	60	25	25	25	62	193	M16x2.0		M6x70	14.5	17	30	
SRN-6530	30						15			203			M6x80				
SRN-75	75	15	107	90	65	30	45	30	57	188	6-M8x16		M8x60				
SRN-7530	30						15		72	203	M20x2.5		M8x75	12	21	35	
SRN-100	100	20	132	115	100	80					6-M10x20		M8x75				
SRN-125	125	25	160	140	130	110	35	50	25	82	M24x3.0	6-M12x20	M8x85		25	45	
SRN-150	150	30	190	170			45	55		95	M30x3.5	12-M12x24	M10x100	16	32	45	
SRN-200	200	35	245	220	145	120	55	75	35	115	M36x4.0	12-M16x30	M10x125	21	38	60	

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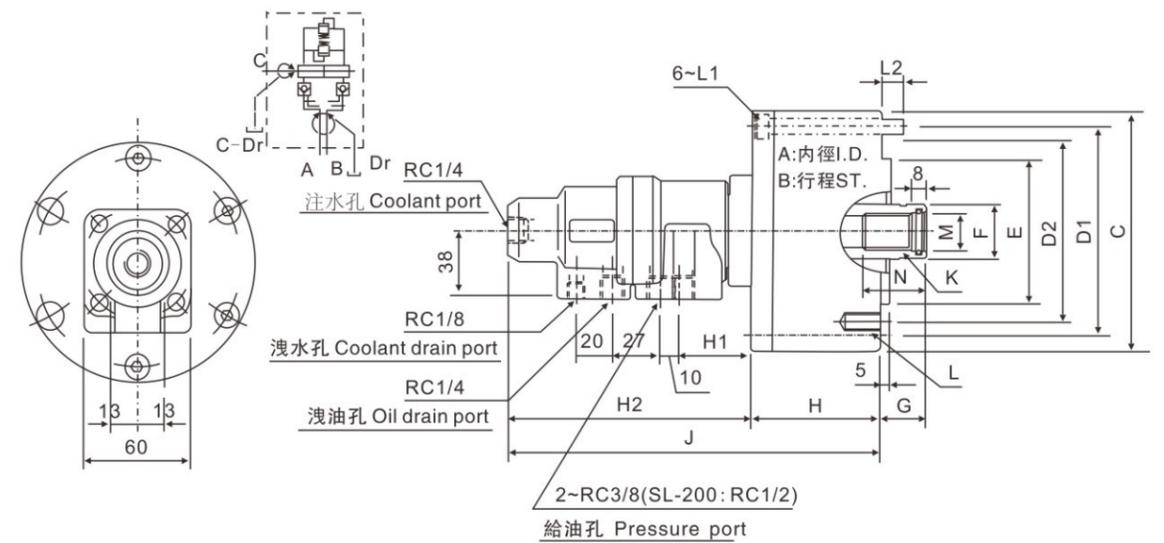
> SL SERIES

中實回轉油壓缸附安全及注水裝置

ROTARY HYDRAULIC CYLINDER WITH COOLANT CONNECTION AND SAFETY DEVICE



- 高速，注水型回轉油壓缸。可經由後端回轉繼手供給切削水。
- 內建逆止閥自鎖機構及壓力洩壓閥。
- To allow coolant to be feed from the rear end of the distributor through the rotating union.
- Built-in safety check valves and pressure relief valves.
- 洩油孔配管務必單獨接回油壓槽，以避免產生背壓。
- The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最高使用壓力 Mpa Max.pressure (kgf/cm ²)	注水部最高使用壓力 (kgf/cm ²) Mpa Coolant connection Max.pressure	慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract						
SL-75	42.6	37.1	15				0.01	3.1
SL-100	77.0	71.5	20	6000			0.04	4.6
SL-125	121.2	113.1	25		4.0(40)	3.5(35)	0.06	7.1
SL-150	175.2	160.8	30	5500			0.10	9.7
SL-200	312.5	290.4	35				0.30	15.6

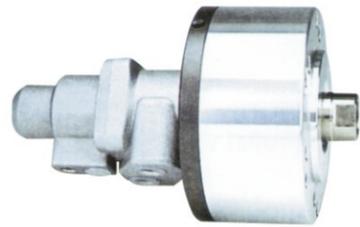
規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	H1	H2	J	K	L	L1	L2	M H8	N
								max	min										
SL-75	75	15	107	90	65	30	45	30	57	42	137	194	M20x2.5	6-M8x16	M8x60				
SL-100	100	20	132	115	100	80	30	45	72	42	137	209	M20x2.5	6-M10x20	M8x75	12	21	35	
SL-125	125	25	160	140	130	110	35	50	25	82	41	136	218	M24x3.0	6-M12x20	M8x85		25	45
SL-150	150	30	190	170			45	55		95	39	134	230	M30x3.5	12-M12x24	M10x100	16	32	45
SL-200	200	35	245	220	145	120	55	70	35	115	36	132	248	M36x4.0	12-M16x30	M10x125	21	38	60

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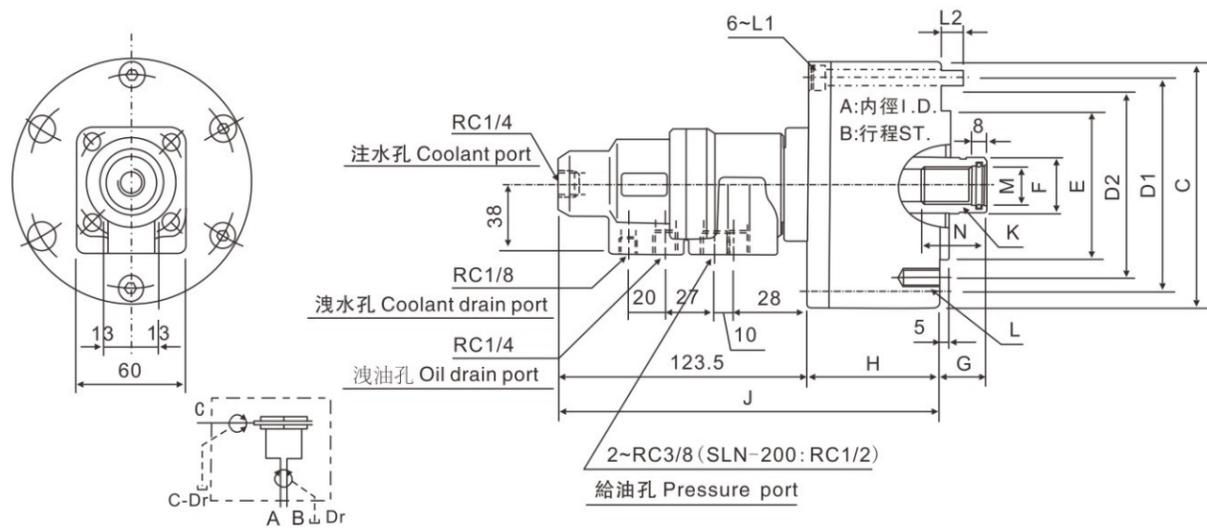
> SLN SERIES

中實回轉油壓缸附注水裝置

ROTARY HYDRAULIC CYLINDER WITH COOLANT CONNECTION



- ◎ 高速,注水型回轉油壓缸,可經由後端回轉繼手供給切削水。
- ◎ 安裝時可由後端鎖固之。
- ◎ To allow coolant to be feed from the rear end of the distributor through the rotating union.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ 洩油孔配管務必單獨接回油壓槽, 以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最高使用壓力 Mpa Max.pressure (kgf/cm ²)	注水部最高使用壓力(kgf/cm ²) Mpa Coolant connection Max.pressure	慣性矩 kg·m ²	重量 Weight (kg)
	伸側 Extend	拉側 Retract						
SLN-75	42.6	37.1	15	6000	4.0(40)	3.5(35)	0.01	3.0
SLN-100	77.0	71.5	20					
SLN-125	121.2	113.1	25					
SLN-150	175.2	160.8	30	5500		0.10	9.6	
SLN-200	312.5	290.4	35					

規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	J	K	L	L1	L2	M H8	N
								max	min								
SLN-75	75	15	107	90	65	30	45	30	57	180		6~M8x16	M8x60			21	35
SLN-100	100	20	132	115	100	80	30	45	72	195		6~M10x20	M8x75	12		21	35
SLN-125	125	25	160	140	130	110	35	50	82	205		6~M12x20	M8x85			25	45
SLN-150	150	30	190	170	145	120	45	55	95	218		12~M12x24	M10x100	16		32	60
SLN-200	200	35	245	220		55	70	35	115	240		M36x4.0	12~M16x30	M10x125	21	38	60

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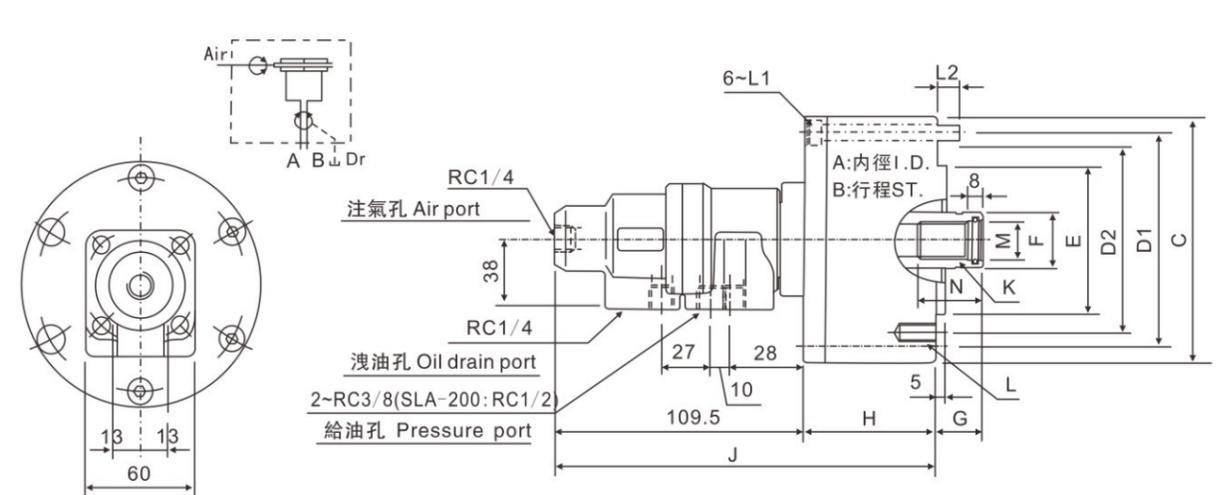
> SLA SERIES

注氣型回轉油壓缸

ROTATING HYDRAULIC CYLINDER WITH AIR CONNECTION



- ◎ 高速, 注氣型回轉油壓缸,可經由後端回轉繼手供給空氣。
- ◎ 安裝時可由後端鎖固之。
- ◎ To allow compressed air to be feed from the rear end of the distributor through the rotating union.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ 使用時, 請混入微量的油霧。
- ◎ When used, a little oil mist should be contained.



規格 Spec 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 max r.p.m	最高使用壓力 Mpa Max.pressure (kgf/cm ²)	注氣部最高使用壓力(kgf/cm ²) Mpa Air connection Max.pressure(kgf/cm ²)	慣性矩 kg·m ²	重量 Weight (kg)
	伸側 Extend	拉側 Retract						
SLA-75	42.6	37.1	15	6000	4.0(40)	0.8(8)	0.01	3.0
SLA-100	77.0	71.5	20					
SLA-125	121.2	113.1	25					
SLA-150	175.2	160.8	30	5500		0.10	9.6	
SLA-200	312.5	290.4	35					

規格 Spec 型號 Model	A	B	C	D1	D2	E h7	F	G		H	J	K	L	L1	L2	M H8	N
								max	min								
SLA-75	75	15	107	90	65	30	45	30	57	166		6~M8x16	M8x60			21	35
SLA-100	100	20	132	115	100	80	30	45	72	181		6~M10x20	M8x75	12		21	35
SLA-125	125	25	160	140	130	110	35	50	82	191		6~M12x20	M8x85			25	45
SLA-150	150	30	190	170	145	120	45	55	95	204		12~M12x24	M10x100	16		32	60
SLA-200	200	35	245	220	145	120	55	70	115	225		M36x4.0	12~M16x30	M10x125	21	38	60

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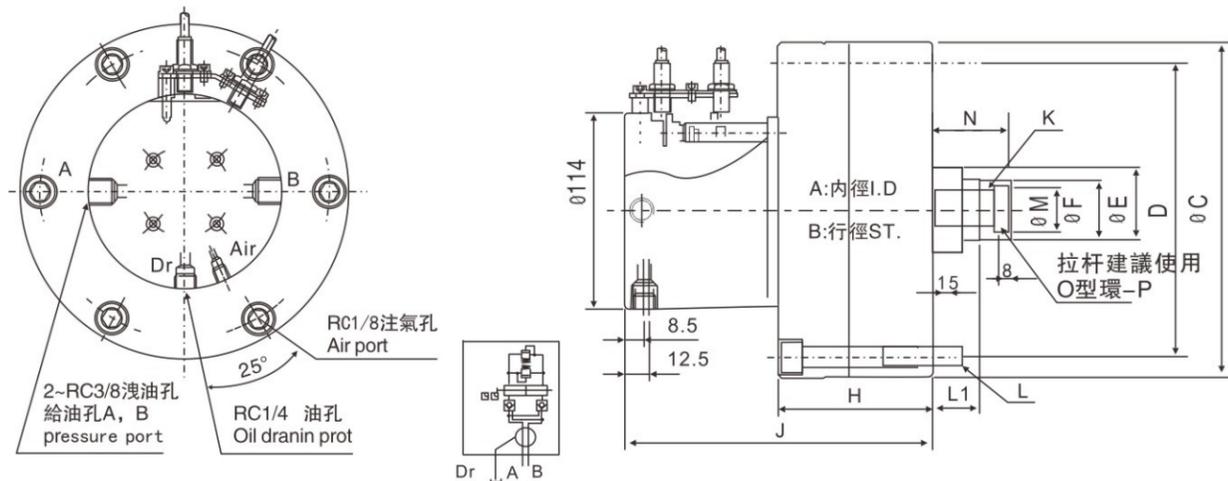
> SLANE SERIES

精短整合型注氣回轉油壓缸 (一)

COMPACT STYLE HYDRAULIC CYLINDER WITH AIR CONNECTION AND SAFETY DEVICE



- ◎ 高速，輕量整合型注氣回轉油壓缸，可經由後端回轉繼手供給空氣內建逆止閥自鎖機構，泄壓閥及行程控制近接開關。
- ◎ 安裝時可由後端鎖固之。
- ◎ 泄油孔配管務必單獨接回油壓槽，以避免產生背壓。
- ◎ 使用時，請混入微量的油霧。
- ◎ For short form, light weight and high speed rotary cylinder. To allow compressed air to be feed from the rear end of the distributor through the rotating union.
- ◎ Built-in safety check valves, pressure relief valves and proximity sensor.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.
- ◎ When used, a little oil mist should be contained.



型號 Model	活塞面積壓側 Eff. piston area cm ² Extend	活塞面積拉側 Eff. piston area cm ² Retract	行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf / cm ²)	注氣部最高使用壓力 Air connection max. pressure Mpa (kgf/cm ²)	慣性矩 kg·m ²	重量 Weight (kg)
SLAN-E110	91.2	87.9	20	6000	4.0(40)	0.8(8)	0.02	6.9
SLAN-E120	109.3	106	21	6000	4.0(40)	0.8(8)	0.02	8.8
SLAN-E130	128.9	123.1	30	6000	4.0(40)	0.8(8)	0.03	9.1

型號 Model	A	B	Ch7	D	E	F	G max	G min	H	J	K	L	L1	M H8	N	P
SLAN-E110	110	20	145	128	42	29	60	40	66	146	M20x2.5	6~M8x70	12	22	38	S20
SLAN-E120	120	21	168	145	42	29	60	39	69.5	148	M20x2.5	6~M10x75	17	22	38	S20
SLAN-E130	130	30	168	150	50	33	60	30	79.5	158	M24x3.0	6~M10x85	17	27	43	S24

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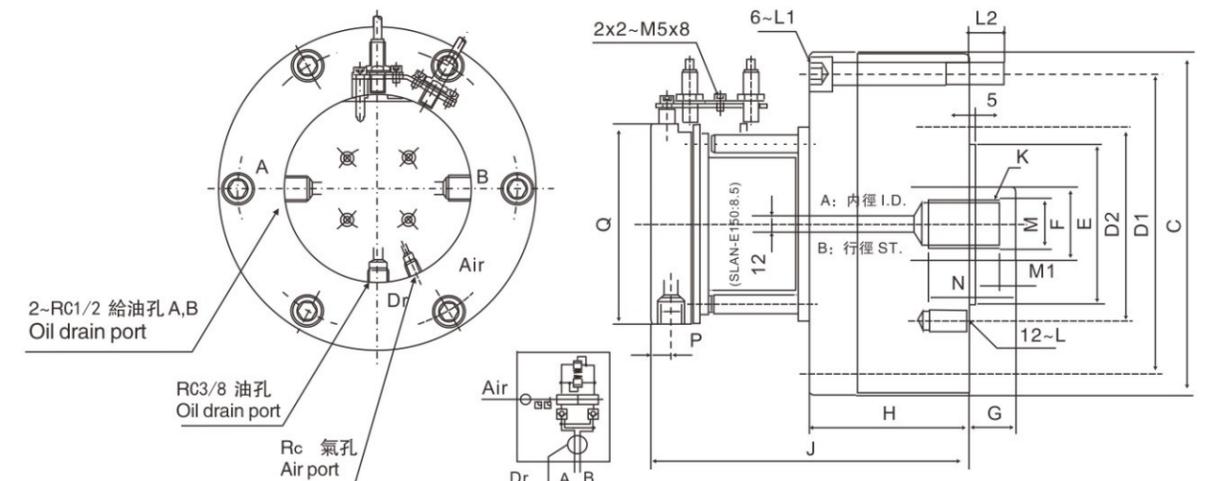
> SLANE SERIES

精短整合型注氣回轉油壓缸 (二)

COMPACT STYLE HYDRAULIC CYLINDER WITH AIR CONNECTION AND SAFETY DEVICE



- ◎ 高速，輕量整合型注氣回轉油壓缸，可經由後端回轉繼手供給空氣，特別適合使用于立式車床
- ◎ 內建逆止閥自鎖機構，泄壓閥及行程控制近接開關。
- ◎ 安裝時可由後端鎖固之。
- ◎ 泄油孔配管務必單獨接回油壓槽，以避免產生背壓。
- ◎ 使用時，請混入微量的油霧。
- ◎ For short form, light weight and high speed rotary cylinder. To allow compressed air to be feed from the rear end of the distributor through the rotating union, suitable for vertical lathe.
- ◎ Built-in safety check valves, pressure relief valves and proximity sensor.
- ◎ Can screw it from the rear end of the cylinder when mounting.
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.
- ◎ When used, a little oil mist should be contained.



型號 Model	活塞面積壓側 Eff. piston area cm ² Extend	活塞面積拉側 Eff. piston area cm ² Retract	行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf / cm ²)	注氣部最高使用壓力 Mpa Air connection Max. pressure(kgf/cm ²)	慣性矩 kg·m ²	重量 Weight (kg)
SLAN-E150	174.4	160.8	30	5500	4.0(40)	0.8(8)	0.06	14.9
SLAN-E200K	292.4	274.9	35	4000	4.0(40)	0.8(8)	0.19	29.1
SLAN-E200L	292.4	265.4	50	4000	5.0(50)	0.8(8)	0.21	30.4
SLAN-E250	465.2	438.2	60	2000	5.0(50)	0.8(8)	0.43	47.2

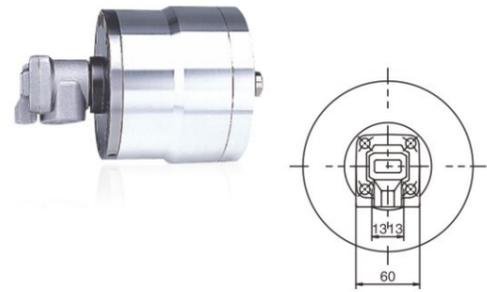
型號 Model	A	B	C	D1	D2	E h7	F	G max	G min	H	J	K	L	L1	L2	M H8	M1	N	P	Q
SLAN-E150	150	30	205	180	130	110	45	60	30	99	177.5	M30x3.5	M12x24	M12x105	18.5	32	10	50	12.5	114
SLAN-E200K	195	35	257	225	145	120	55	73	38	120	239	M36x4.0	M16x30	M16x130	27	38	12	65	15	150
SLAN-E200L	195	50	257	225	170	125	65	80	30	135	254	M42x3.0	M16x30	M16x145	27	45	12	65	15	150
SLAN-E250	245	60	307	275	220	160	65	85	25	165	280	M42x3.0	M20x35	M16x175	28	45	12	65	15	150

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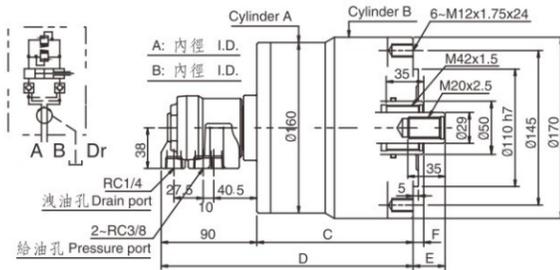
> SRD SERIES

附逆止閥雙杆型回轉油壓缸

DOUBLE ROD ROTATING CYLINDER WITH SAFELY DEVICE



- ◎ 短型，輕量，雙杆型回轉油壓缸。
- ◎ 內建逆止閥自鎖機構及壓力洩壓閥。
- ◎ For short form, light weight, double rod rotary cylinder.
- ◎ Built-in safety check valves and pressure relief valves.
- ◎ 洩油孔配管務必單獨接回油壓槽，以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec. 型號 Model	活塞面積 Eff.piston area cm ²				行程 (mm) Piston stroke	最高回轉速 max r.p.m	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量 Weight (kg)
	伸側 Extend		拉側 Retract						
	A	B	A	B					
SRD-120	122.7	126.1	116.1	113.1	20	5000	3.0(30)	0.14	11.3
SRD-125					25			0.15	11.5

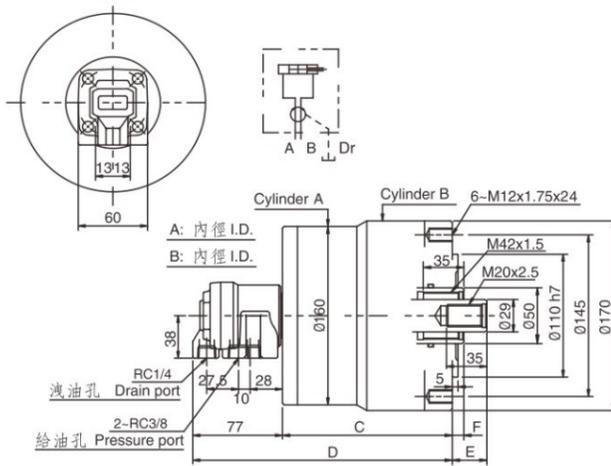
寸法 Size 型號 Model	A	B	C	D	E		F	
					max.	min.	max.	min.
SRD-120	130	125	137	227	60	40	35	15
SRD-125			147	237	55	30		10

> SRD-N SERIES

雙杆式回轉油壓缸

DOUBLE ROD ROTATING CYLINDER

- ◎ 短型，輕量，雙杆型回轉油壓缸。
- ◎ For short form, light weight, double rod rotary cylinder.
- ◎ 洩油孔配管務必單獨接回油壓槽，以避免產生背壓。
- ◎ The drain port should be independently connected to oil tank to avoid back pressure.



規格 Spec. 型號 Model	活塞面積 Eff.piston area cm ²				行程 (mm) Piston stroke	最高回轉速 Max R.P.M	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量 Weight (kg)
	伸側 Extend		拉側 Retract						
	A	B	A	B					
SRD-120N	122.7	126.1	116.1	113.1	20	5000	3.0(30)	0.14	11.2
SRD-125N					25			0.15	11.4

寸法 Size 型號 Model	A	B	C	D	E		F	
					max	min	max	min.
SRD-120N	130	125	137	215	60	40	35	15
SRD-125N			147	224	55	30		10

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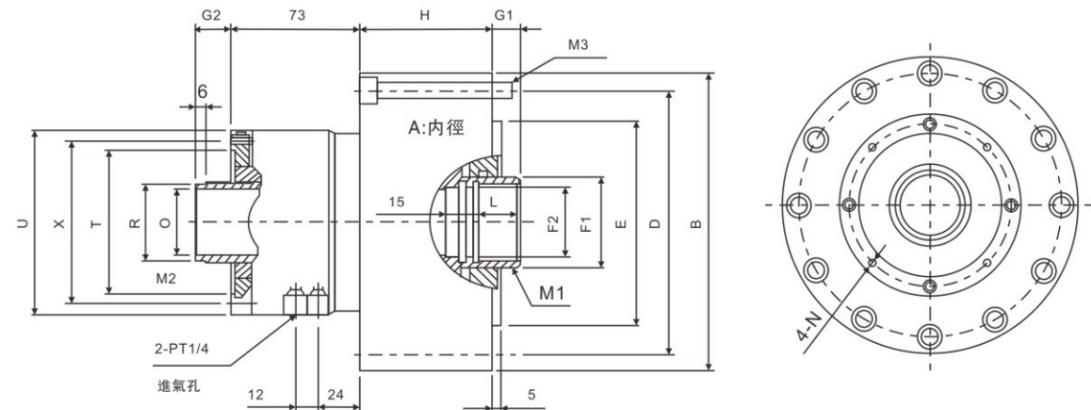
> RQ SERIES

單活塞中空回轉氣壓缸

SINGLE ROD PISTON THROUGH HOLE ROTATING AIR CYLINDER



- ◎ 大通孔設計，通孔貫穿，可加工長軸類零件。
- ◎ 輕量型，高轉速，閥體經特殊設計，能使壓縮空氣的消耗量節減，充分發揮高效經濟效益。
- ◎ 內部零部件皆採用進口原件，運轉平衡，高壽命。
- ◎ 特大通孔可根據客戶需求定制。
- ◎ 使用時請注入微量油霧。
- ◎ Large through hole for long workpiece turning.
- ◎ Light weight and high rotating speed, special designed valve which economize air consumption, the cost is saved.
- ◎ The components of cylinder is imported and high quality, equilibrium running and long service life.
- ◎ For special large through hole can be customized according to your requirements.
- ◎ During using, a little oil mist should be contained.



規格 Spec. 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 Max R.P.M	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	最大推拉力kgf (KN)		慣性矩 kg·m ²	重量(kg) Weight
	伸側 Extend	拉側 Retract				推側 Push	拉側 Pull		
RQ-130	116.8	116.8	15	5000	0.8(8)	933(9.14)	933(9.14)	0.04	8.4
RQ-150	153	143.5	15	4500	0.8(8)	1224(12)	1148(11.25)	0.06	9.5
RQ-170	198.7	188.5	15	4500	0.8(8)	1589.6(15.58)	1508(14.78)	0.09	11.6

規格 Spec. 型號 Model	A	B	D	E (h7)	F1	F2 (h7)	G1		G2		H	L
							max	min	max	min		
RQ-130	130	160	143	110	45	36.5	15	0	35	20	60	25
RQ-150	150	180	163	110	65	50	15	0	35	20	63	25
RQ-170	170	200	182	110	65	50	15	0	35	20	63	25

規格 Spec. 型號 Model	M1	M2	M3	O H7	N	R	T	U	X
RQ-130	M38x1.5	M44x1.5	6-M8x65	34	M5x10	42	74	104	90
RQ-150	M55x2	M52x1.5	6-M8x70	46	M6x10	50	86	123	110
RQ-170	M55x2	M52x1.5	6-M8x70	46	M6x10	50	86	123	110

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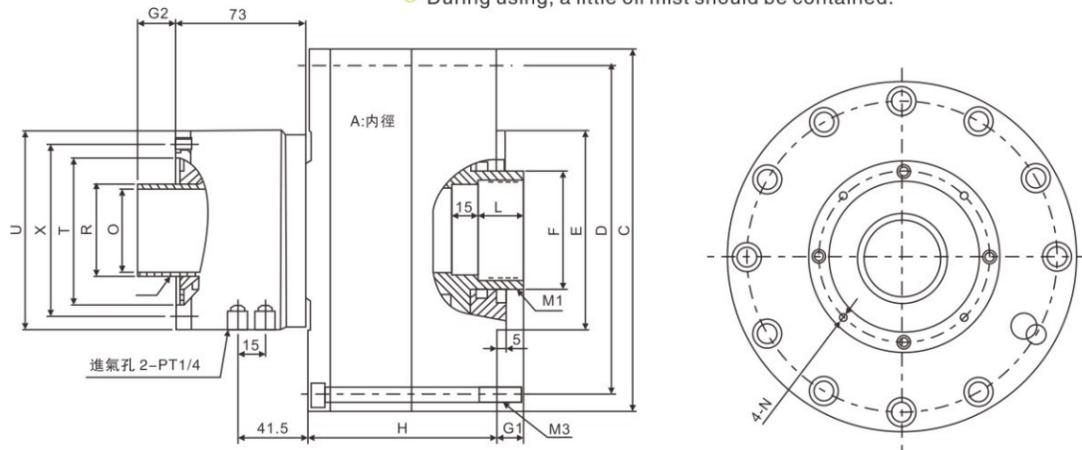
> RQ-B SERIES

雙活塞中空回轉氣壓缸

DOUBLE ROD PISTON THROUGH HOLE ROTATING AIR CYLINDER



- ◎ 大通孔設計，雙活塞設計，拉力能加大1倍。通孔貫穿可加工長軸類零件。
- ◎ 輕量型，高速型，閥體經特殊設計，能使壓縮空氣的消耗量節減，充分發揮高效經濟效益。
- ◎ 內部零部件皆採用進口原件，運轉平衡，高壽命。
- ◎ 特大通孔可根據客戶需求定制。
- ◎ 使用時請注入微量油霧。
- ◎ Large through hole for long workpiece working, and double piston design, the pull force doubled.
- ◎ Light weight and high rotating speed, special designed valve which economize air consumption, the cost is saved.
- ◎ The components of cylinder is imported and high quality, equilibrium running and long service life.
- ◎ For special large through hole can be customized according to your requirements.
- ◎ During using, a little oil mist should be contained.



規格 Spec. 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 Max R.P.M	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	最大推拉力kgf (KN)		慣性矩 kg·m ²	重量 Weight (kg)
	伸側 Extend	拉側 Retract				推側 Push	拉側 Pull		
RQ-130B	223.03	219.3	15	5000	0.8(8)	1784.24(17.5)	1754.4(17.2)	0.04	12
RQ-150B	291.19	281.76	15	4500	0.8(8)	2329(22.83)	2254.1(22.09)	0.06	10.3
RQ-170B	381.52	371.3	15	4500	0.8(8)	3052.1(29.91)	2970.4(29.11)	0.09	12.5

規格 Spec. 型號 Model	A	C	D	E (h7)	F1	G1		G2		H	L
						max	min	max	min		
RQ-130B	130	160	143	110	50	15	0	38	23	105	25
RQ-150B	150	180	163	110	65	15	0	35	20	105	25
RQ-170B	170	200	182	110	65	15	0	34	19	107	25

規格 Spec. 型號 Model	M1	M2	M3	O H7	N	R	T	U	X
RQ-130B	M38x1.5	M44x1.5	6-M8x115	34	M5x10	42	74	104	90
RQ-150B	M55x2	M52x1.5	6-M8x115	46	M6x10	50	86	123	110
RQ-170B	M55x2	M52x1.5	6-M8x120	46	M6x10	50	86	123	110

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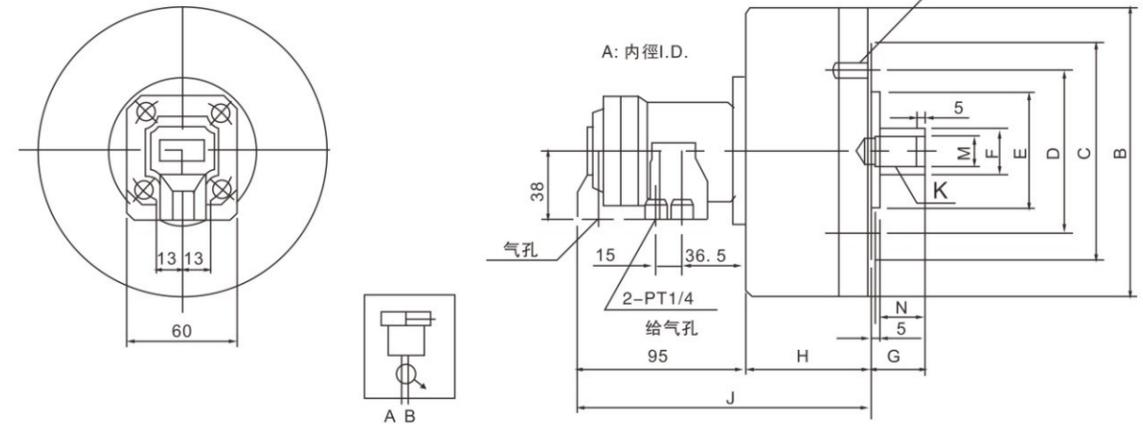
> RA SERIES

中實單活塞回轉氣壓缸

SINGLE ROD PISTON ROTATING AIR CYLINDER



- ◎ 回轉閥體經特殊設計，能使壓縮空氣的消耗量節減，充分發揮高效經濟效益。
- ◎ 特殊經鋁合金製造而成，內部零部件採用進口原件，能高速旋轉，運動平衡，高壽命，低慣量。
- ◎ 使用時請混入微量油霧。
- ◎ 可根據客戶需求定制。
- ◎ The rotary valve and cylinder body, all made of special light alloy, are light-weight.
- ◎ Through unique design, the rotary valve can considerably reduce the waste in compressing air and efficiently increase its utilization.



規格 Spec. 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 Max R.P.M	最大使用壓力 Max. Operating Pressure MPa(kgf/cm ²)	慣性矩 kg·m ²	重量(kg) Weight	空氣洩漏量(ml/sec) (使用壓力6kgf/cm ²)
	伸側 Extend	拉側 Retract						
RA-100	77.0	74.4	15	6000	0.8(8)	0.03	4.5	400
RA-130	131.2	124.7	15	5000	0.8(8)	0.05	5.2	400
RA-170	225.4	219.0	20	5000	0.8(8)	0.18	8.5	400
RA-220	378.6	369.3	25	4000	0.8(8)	0.36	14.5	400
RA-270	571.0	562.9	30	3000	0.8(8)	0.75	18.4	400

規格 Spec. 型號 Model	A	B	C	D	E (h7)	F	G		H	J	K	L	M (H8)	N	適用卡盤
							max	min							
RA-100	100	130	-	80	60	22	50	35	65	160	M12x1.75	6-M8x16	13	25	3"
RA-130	130	160	120	90	65	25	45	30	70	165	M16x2.0	6-M8x16	17	30	4" 5"
RA-170	170	200	140	100	80	25	45	25	85	180	M16x2.0	6-M10x18	17	30	6"
RA-220	220	255	170	130	110	30	50	25	91	186	M20x2.5	6-M12x20	21	35	8" 10"
RA-270	270	305	190	130	110	35	55	25	105	200	M24x3.0	6-M12x20	25	40	12"

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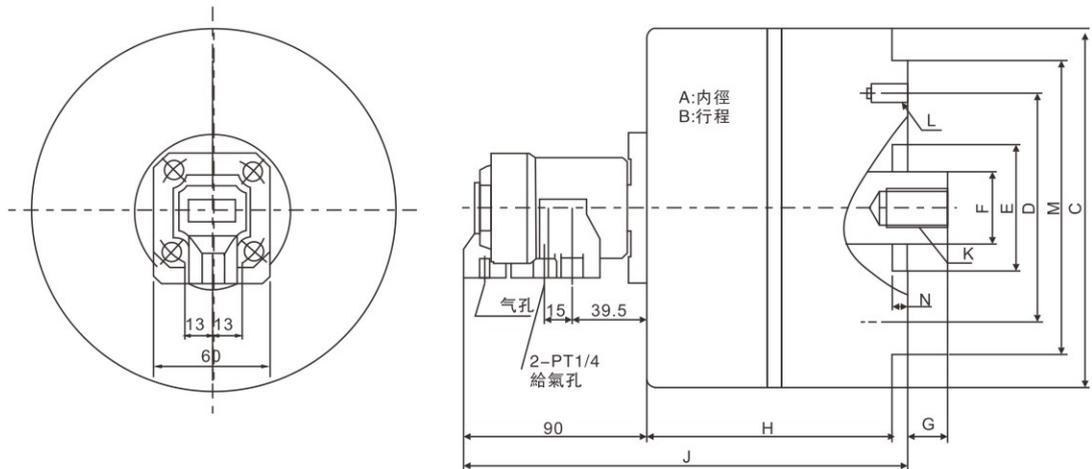
> RA-B SERIES

中實雙活塞氣壓缸

DOUBLE ROD PISTON ROTATING AIR CYLINDER



- ◎ 雙活塞設計，拉力能加大1倍。
- ◎ 輕量型，高速型，運轉平衡，回轉閥體採用特殊鋁合金製造而成，內部零部件皆採用進口原件，高壽命，低慣量。
- ◎ 使用時請注入微量油霧。
- ◎ 可根據客戶需求定制。
- ◎ Light weight and high rotating speed, special designed valve which economize air consumption, the cost is saved.
- ◎ The components of cylinder is imported and high quality, equilibrium running and long service life.
- ◎ For special large through hole can be customized according to your requirements.
- ◎ During using, a little oil mist should be contained.



規格 Spec. 型號 Model	活塞面積 Eff.piston area cm ²		行程 (mm) Piston stroke	最高回轉速 Max R.P.M	最大使用壓力 Max. Operating Pressure MPa(kgf / cm ²)	推薦動力卡盤	重量 Weight (kg)
	伸側 Extend	拉側 Retract					
RA-130B	251.2	247.9	12	4000	0.8(8)	5" 6"	8
RA-160B	380.8	369.7	25	4000	0.8(8)	6" 8"	12
RA-200B	606.8	595.8	30	3500	0.8(8)	10"	17
RA-250B	960	949	35	3000	0.8(8)	12"	16

規格 Spec. 型號 Model	A	B	C	D	E (h7)	F	G		H	J	K	L	M	N
							max	min						
RA-130B	130	12	160	90	65	25	27	15	113	221	M16x25	6-M10x20	100	4
RA-160B	160	25	195	125	100	40	40	15	135	243	M20x35	6-M10x20	160	5
RA-200B	200	30	232	160	125	40	44	14	147	255	M20x35	6-M12x20	192	6
RA-250B	250	35	285	200	160	40	42	7	158	266	M20x35	12-M12x20	235	10

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