

Product feature

1. Machine swing parts, rotating parts of the pipe fittings.
2. Bearing is used in the rotary part, which can be used for fast swing part and high-speed rotation part.

Specifications

Using fluids	Air, water (conditional)
Working pressure range	0~1.0MPa
Use vacuum pressure	-100KPa (10Torr)
Working temperature range	0~60℃

Rotary joint allow rotational speed

Tube size	Allow rotational speed
4mm	500,r.p.m
6mm.1/4mm	500,r.p.m
8mm.5/16mm	400r.p.m
10mm.3/8mm	300r.p.m
12mm.1/2mm	250r.p.m

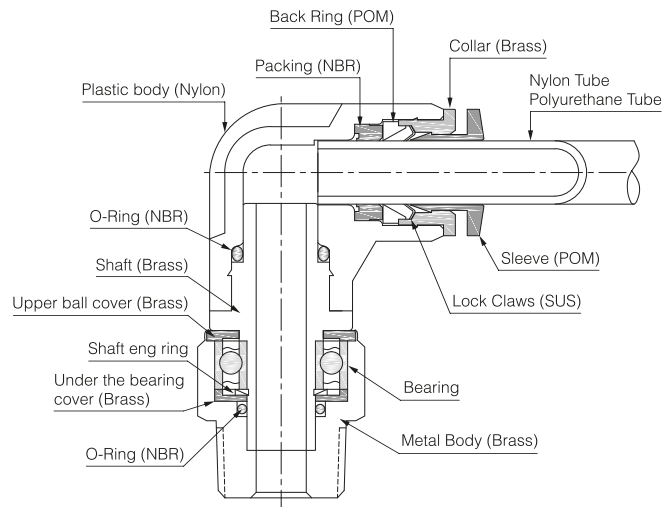
Ordering code (example)

RL 8 - 02

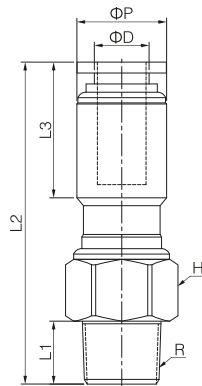
Model	Tube size						
	Tube size	Metric size					
	Code name	4	6	8	10	12	16
	Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3×0.5	M5×0.8	M6×1.0	G1/8	G1/4	G3/8	G1/2	G3/4

Schematic diagram of structure



RC Series



Model	ΦD	R	L1	L2	L3	ΦP	H
RC4-M5	4	M5×0.8	3	34	16	10	12
RC4-M6		M6×1.0	4	35	16	10	12
RC4-01		R1/8	8	36.5	16	10	14
RC6-M5	6	M5×0.8	3	35.5	16	12	12
RC6-M6		M6×1.0	4	36.5	16	12	12
RC6-01		R1/8	8	38	16	12	14
RC6-02	8	R1/4	11	42	16	12	17
RC8-01		R1/8	8	41.5	18.5	14	14
RC8-02		R1/4	11	45.5	18.5	14	17
RC8-03	10	R3/8	12.5	48.5	18.5	14	21
RC10-02		R1/4	11	53	21	17	17
RC10-03		R3/8	12.5	56	21	17	21
RC10-04	12	R1/2	15	58.3	21	17	24
RC12-02		R1/4	11	58.3	23	20	17
RC12-03		R3/8	12.5	61.3	23	20	21
RC12-04	16	R1/2	15	63.6	23	20	24
RC16-04		R1/2	15	64.6	24	24	27
RC1/4-01	1/4	R1/8	8	38	16	12	14
RC1/4-02		R1/4	11	42	16	12	17
RC5/16-01		R1/8	8	41.5	18.5	14	14
RC5/16-02	5/16	R1/4	11	45.5	18.5	14	17
RC5/16-03		R3/8	12.5	48.5	18.5	14	21
RC3/8-02	3/8	R1/4	11	53	21	17	17
RC3/8-03		R3/8	12.5	56	21	17	21
RC3/8-04		R1/2	15	58.3	21	17	24
RC1/2-02	1/2	R1/4	11	58.3	23	20	17
RC1/2-03		R3/8	12.5	61.3	23	20	21
RC1/2-04		R1/2	15	63.6	23	20	24

Fittings,
Air Hose

Quick
Fittings

Mini Quick
Fittings

Rotary
Joint

Stop
Fittings

Check
Valves

Speed
Controllers

Hand
Valves

Ball
Valves

Air Control
Valves

Push-IN
Fittings

316L
Fittings

KIS-A
(ISO A)

KIS-B
(ISO B)

KIS-O

KIS-PP

KZD

KZF

ST

TSP

310
(ISO-B6)

430
(ISO-B8)

550
(ISO-B12)

20 (Super
Mini Type)

21
(Mini Type)

320
(EURO 7.6)

410
(EURO 10.5)

210
(ARO210)

19
(ASIA)

200
(ASIA)

Pipe
Fittings

Brass Ball
Valves

US98A,
UE95A

UCS

PA12,
PA6

UN54D

Air Gun

Tracheal
Scissors

Silencers

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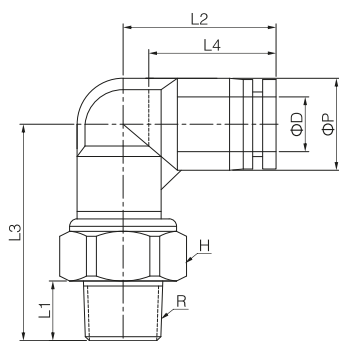
UN54D

Air Gun

Tracheal
Scissors

Silencers

RL Series



Model	ΦD	R	L1	L2	L3	L4	ΦP	H
RL4-M5	4	M5×0.8	3	18.5	27.8	16	11	12
RL4-M6		M6×1.0	4	18.5	28.8	16	11	12
RL4-01		R1/8	8	18.5	30.4	16	11	14
RL4-02		R1/4	11	18.5	34.4	16	11	17
RL6-M5	6	M5×0.8	3	19	28.8	16	13	12
RL6-M6		M6×1.0	4	19	29.8	16	13	12
RL6-01		R1/8	8	19	31.4	16	13	14
RL6-02		R1/4	11	19	35.4	16	13	17
RL8-01	8	R1/8	8	22.5	34.4	18.5	14.4	14
RL8-02		R1/4	11	22.5	37.9	18.5	14.4	17
RL8-03		R3/8	12.5	22.5	40.9	18.5	14.4	21
RL10-02	10	R1/4	11	27.5	41	20.5	18.4	17
RL10-03		R3/8	12.5	27.5	43.4	20.5	18.4	21
RL10-04		R1/2	15	27.5	45.7	20.5	18.4	24
RL12-02	12	R1/4	11	29	41.5	23	21	17
RL12-03		R3/8	12.5	29	43.9	23	21	21
RL12-04		R1/2	15	29	46.2	23	21	24
RL16-04	16	R1/2	15	32.5	57.6	24	26	27
RL1/4-01	1/4	R1/8	8	19	31.4	16	13	14
RL1/4-02		R1/4	11	19	35.4	16	13	17
RL5/16-01	5/16	R1/8	8	22.5	34.4	18.5	14.4	14
RL5/16-02		R1/4	11	22.5	37.9	18.5	14.4	17
RL5/16-03		R3/8	12.5	22.5	40.9	18.5	14.4	21
RL3/8-02	3/8	R1/4	11	27.5	41	20.5	18.4	17
RL3/8-03		R3/8	12.5	27.5	43.4	20.5	18.4	21
RL3/8-04		R1/2	15	27.5	45.7	20.5	18.4	24
RL1/2-02	1/2	R1/4	11	29	41.5	23	21	17
RL1/2-03		R3/8	12.5	29	43.7	23	21	21
RL1/2-04		R1/2	15	29	46.2	23	21	24