

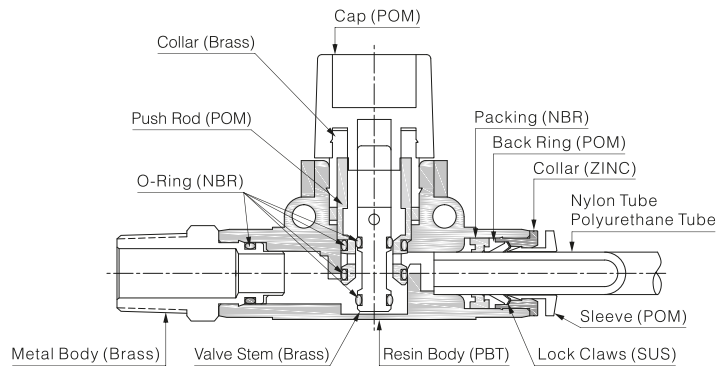
Product feature

1. Control the opening and closing of air pressure of pneumatic device.
2. When the valve is closed, the residual air pressure in the output end (equipment) will be automatically discharged to protect the pipeline and instrument of the equipment and ensure the safety during maintenance.

Specifications

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

Schematic diagram of structure



Ordering code (example)

SC 8 — 01

Model Tube size Thread specification

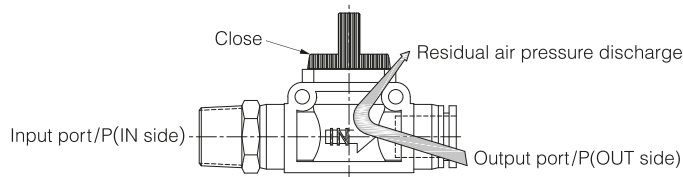
Tube size	Metric size					
Code name	4	6	8	10	12	16
Size (mm)	Φ4	Φ6	Φ8	Φ10	Φ12	Φ16

Tube size	Metric size					
Code name	5/32	3/16	1/4	5/16	3/8	1/2
Size (mm)	3.96	4.76	6.35	7.94	9.53	12.7

Thread specification

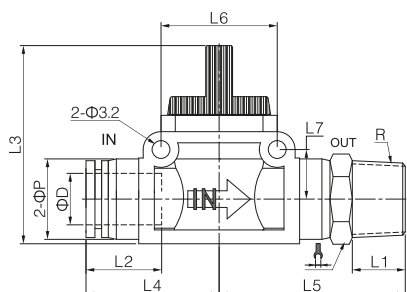
	55° taper pipe thread					Metric thread			55° straight pipe thread				
Code name	01	02	03	04	06	M3	M5	M6	G01	G02	G03	G04	G06
Thread	R1/8	R1/4	R3/8	R1/2	R3/4	M3x0.5	M5x0.8	M6x1.0	G1/8	G1/4	G3/8	G1/2	G3/4

	Unified fine thread/UNF		American 60° tapered pipe thread				
Code name	U10		N01	N02	N03	N04	N06
Thread	10-32UNF		NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4



The so-called two position three-way, two position is only switch function, no flow regulation function. When the valve is closed, the residual air pressure in the output end (equipment) will be automatically discharged from the knob, so as to protect the pipeline and instrument of the equipment and ensure the safety during maintenance.

HVFS Series



Model	ΦD	R	L1	L2	L3	L4	L5	L6	L7	ΦP	
HVFS6-01	6	R1/8	8	16	37.5	26	34	18	18	14.5	12
HVFS6-02		R1/4	10	16	37.5	26	36.5	18	18	14.5	14
HVFS8-01	8	R1/8	8	18.5	37.5	27	34.5	18	18	14.5	14
HVFS8-02		R1/4	10	18.5	37.5	27	36.5	18	18	14.5	14
HVFS8-03		R3/8	11	18.5	37.5	27	37.5	18	18	14.5	17
HVFS10-02	10	R1/4	10	20	40.5	35	44	24	11	21	17
HVFS10-03		R3/8	11	20	40.5	35	45	24	11	21	17
HVFS10-04		R1/2	14	20	40.5	35	48.5	24	11	21	21
HVFS12-03	12	R3/8	11	23	40.5	34.5	45	24	11	21	17
HVFS12-04		R1/2	14	23	40.5	34.5	48.5	24	11	21	21
HVFS1/4-N01	1/4	NPT1/8	8	16	37.5	26	34	18	8	14.5	1/2
HVFS1/4-N02		NPT1/4	10	16	37.5	26	36.5	18	8	14.5	9/16
HVFS5/16-N01	5/16	NPT1/8	8	18.5	37.5	27	34.5	18	8	14.5	9/16
HVFS5/16-N02		NPT1/4	10	18.5	37.5	27	36.5	18	8	14.5	9/16
HVFS5/16-N03		NPT3/8	11	18.5	37.5	27	37.5	18	8	14.5	11/16
HVFS3/8-N02	3/8	NPT1/4	10	20	40.5	35	44	24	11	21	11/16
HVFS3/8-N03		NPT3/8	11	20	40.5	35	45	24	11	21	11/16
HVFS3/8-N04		NPT1/2	14	20	40.5	35	48.5	24	11	21	7/8
HVFS1/2-N03	1/2	NPT3/8	11	23	40.5	34.5	45	24	11	21	11/16
HVFS1/2-N04		NPT1/2	14	23	40.5	34.5	48.5	24	11	21	7/8

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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Air Hose

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Fittings

Mini Quick
Fittings

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Joint

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Air Gun

Tracheal
Scissors

Silencers

HVSF Series

