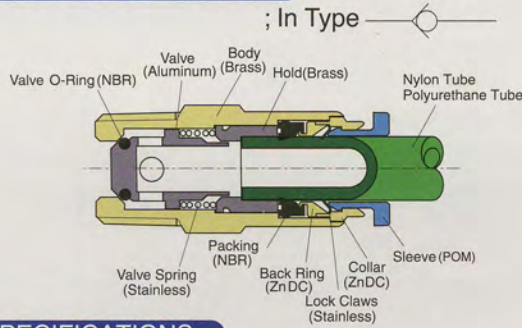


CHECK VALVES

FEATURES

- Check Valves only permit the uni-directional airflow at a constant pressure and prevent the airflow in the opposite direction.
- Check Valves allow the pneumatic connections under low operating pressure conditions.

STRUCTURAL DIAGRAM



SPECIFICATIONS

Compatible Fluid type	Air (No other gases or liquids)	
Operating Pressure Range	0~150PSI	0~9kgf/cm ² (0~900kPa)
Negative Pressure	-29.5inHg	-750mmHg (10Torr)
Operating Temperature Range	32~140°F	0~60°C
Recommended Tube Material	Polyurethane and Nylon	

PCVU Union Straight	MODEL [∅D]	
	Tube (Metric)	Tube (Inch)
	PCVU 04	PCVU 5/32
	PCVU 06	PCVU 3/16
	PCVU 08	PCVU 1/4
	PCVU 10	PCVU 5/16
	PCVU 12	PCVU 3/8
		PCVU 1/2

PRODUCT CODE SYSTEM

PCVC	06	01	A	
(1)	(2)	(3)	(4)	(5)

① Type

② Tube Dia (∅D)

	Metric Size					Inch Size					
Code	04	06	08	10	12	5/32	3/16	1/4	5/16	3/8	1/2
Dia	∅4	∅6	∅8	∅10	∅12	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2

③ Thread Size (T)

* Metric Thread & R(PT) Thread

	Metric Size		Taper Pipe Size			
Code	M5	M6	01	02	03	04
Size	M5 × 0.8	M6 × 1.0	R1/8	R1/4	R3/8	R1/2

* Inch Thread (UNF & NPT)

	Unified Fine Thread	American Standard Taper pipe Thread			
Code	U10U	N01U	N02U	N03U	N04U
Size	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2

④ Control Method

Type	Meter IN	Meter OUT
Air Flow	Thread to Tube	Tube to Thread
PCVC		
PCVF		
PCVU		In case of PCVU model, you should pipe according to signal of the body.

⑤ U : Hexagon flat-to-flat inch specification. (NPT)



PCVC Straight	MODEL [∅D-T-A/B]		
	Tube (Metric)-Thread (R)	Tube (Inch)-Thread (NPT)	
	PCVC 04-M5	PCVC 5/32-U10U	PCVC 1/2-N03U
	PCVC 04-M6	PCVC 5/32-N01U	PCVC 1/2-N04U
	PCVC 04-01	PCVC 3/16-U10U	
	PCVC 06-01	PCVC 3/16-N01U	
	PCVC 06-02	PCVC 3/16-N02U	
	PCVC 08-01	PCVC 1/4-N01U	
	PCVC 08-02	PCVC 1/4-N02U	
	PCVC 10-03	PCVC 5/16-N01U	
	PCVC 10-04	PCVC 5/16-N02U	
	PCVC 12-03	PCVC 3/8-N03U	
	PCVC 12-04	PCVC 3/8-N04U	

PCVC-G Straight	MODEL [∅D-T]	
	Tube (Metric)-Thread (G)	
	PCVC 04-G01	
	PCVC 06-G01	
	PCVC 06-G02	
	PCVC 08-G01	
	PCVC 08-G02	
	PCVC 10-G03	
	PCVC 10-G04	
	PCVC 12-G03	

PCVF Bush	MODEL [T ₁ -T ₂ -A/B]	
	Thread (R)-Thread (Rc)	Thread (NPT)-Thread (NPT)
	PCVF 01-01	PCVF N01-N01U
	PCVF 02-02	PCVF N02-N02U
	PCVF 03-03	PCVF N03-N03U
	PCVF 04-04	PCVF N04-N04U

PCVF-G Bush	MODEL [T ₁ -T ₂]	
	Thread (G)-Thread (G)	
	PCVF G01-G01	
	PCVF G02-G02	
	PCVF G03-G03	
	PCVF G04-G04	