Check Valves

Applications

- Used in places where air should flow in one direction only.
- Used in places where the air pressure of the ventilation section should be kept uniform.
- Good for low pressure devices.

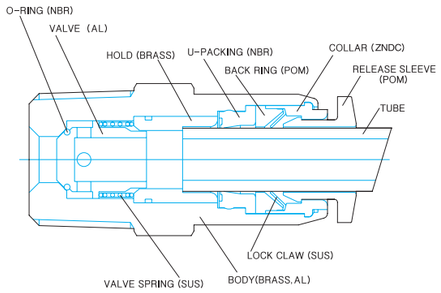
Features

- Suitable for low pressure applications.
- This valve allows compressed air from one side flow and blocks the inverse flow to protect and maintain the vacuum line and is easily applied to low pressure piping.

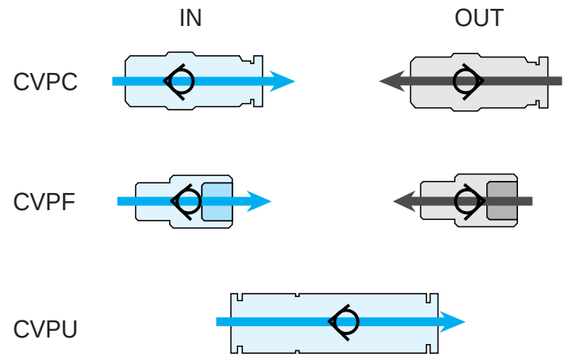
Specifications

- Fluid type : Air(No other gases or liquids)
- Working pressure: 0~150PSI /0~9.9Kgf/㎠(0~990kPa)
- Negative pressure : -29.5 in Hg /-750mmHg(-750Torr)
- Working temperature: 32~140° F / 0~60° C
- Applicable Tube: Polyurethane and Nylon

Structural Diagram



Applied example



Product Code System

METRIC - BSPT(R)

CVPC 08-01

CHECK VALVES | Tube Dia | Thread Size | Sleeve color

CODE	ΦD
04	Φ4
06	Φ6
08	Φ8
10	Φ10
12	Φ12

CODE	SIZE
M5	M5×0.8
01	R1/8
02	R1/4
03	R3/8
04	R1/2

OUT	BLUE
IN	RED

METRIC - BSPP(G)

CVPC 08-G1

CHECK VALVES | Tube Dia | Thread Size | Sleeve color

CODE	ΦD
04	Φ4
06	Φ6
08	Φ8
10	Φ10
12	Φ12

CODE	SIZE
G01	G1/8
G02	G1/4
G03	G3/8
G04	G1/2

OUT	BLUE
IN	RED

INCH - NPT

CVPC 5/16-N1

CHECK VALVES | Tube Dia | Thread Size | Sleeve color

CODE	SIZE
1/4	1/4″
5/16	5/16″
3/8	3/8″
1/2	1/2″

CODE	SIZE
N1	NPT1/8
N2	NPT1/4
N3	NPT3/8
N4	NPT1/2

OUT	BLUE
IN	RED

⚠ CAUTION

- Be sure to refer to Caution on Safety, Classification of Warning Indications (P7), and Common Caution of Fitting Products (P8) before use.
- Assemble the fitting according to the proper connection torque value (P7).
- Proper torque refers to connection by hand and 2~3 rotations using a tool. Excessive pressure may damage the screw.

⚠ WARNING

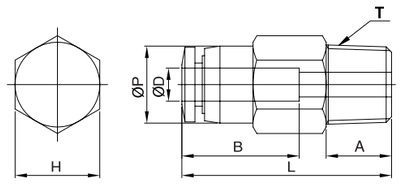
- Do not force impact or rotation on the body or fitting section.
- The main body may heat due to too many transfer operations, and it may burn.

Rechte inschroefkoppeling terugslagklep

CVPC

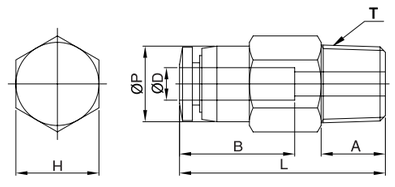
METRIC-BSPT(R)

MODEL	ØD	ØP	T	L	A	B	H(Hex)	WEIGHT(g)	BOX(EA)
CVPC 04-M5	4	10.0	M5×0.8p	31.4	3.6	15.3	10	11.8	100
CVPC 04-M6			M6×1.0p	30.4	4.6	15.3	10	11.8	100
CVPC 04-01			R1/8	27.3	8.0	15.3	10	9.8	100
CVPC 06-01	6	11.9	R1/8	32.6	8.0	16.3	12	12.8	100
CVPC 06-02			R1/4	32.6	10.0	16.3	14	19.8	50
CVPC 08-01	8	14.0	R1/8	34.9	8.0	18.3	14	18.7	50
CVPC 08-02			R1/4	37.2	10.0	18.3	14	20.7	50
CVPC 10-03	10	23.0	R3/8	56.3	11.0	20.3	22	45.5	25
CVPC 10-04			R1/2	58.3	14.0	20.3	22	63.5	25
CVPC 12-03	12	25.0	R3/8	62.3	12.0	23.3	24	48.3	20
CVPC 12-04			R1/2	65.3	14.0	23.3	24	68.3	20



INCH-NPT

MODEL	ØD	ØP	T	L	A	B	H(Hex)	WEIGHT(g)	BOX(EA)
CVPC5/32-U	5/32	10.0	UNF 10/32	31.4	3.6	15.3	3/8	11.8	100
CVPC5/32-N1			NPT1/8	27.3	8.5	15.3	7/16	10.8	100
CVPC3/16-U	3/16	11.0	UNF 10/32	32.5	3.6	16.4	7/16	11.8	100
CVPC3/16-N1			NPT1/8	28.4	8.5	16.4	7/16	13.8	100
CVPC3/16-N2			NPT1/4	28.4	10.5	16.4	9/16	19.8	100
CVPC1/4-N1	1/4	12.7	NPT1/8	33.0	8.5	17.4	1/2	17.8	100
CVPC1/4-N2			NPT1/4	33.0	10.5	17.4	9/16	21.8	50
CVPC5/16-N1	5/16	14.0	NPT1/8	34.9	8.5	18.6	9/16	20.7	50
CVPC5/16-N2			NPT1/4	37.2	11.5	18.6	9/16	22.7	50
CVPC3/8-N3	3/8	23.0	NPT3/8	56.3	11.5	20.3	7/8	45.4	20
CVPC3/8-N4			NPT1/2	58.3	14.5	20.3	7/8	63.4	20
CVPC1/2-N3	1/2	25.0	NPT3/8	62.5	12.5	23.5	15/16	48.1	20
CVPC1/2-N4			NPT1/2	65.5	14.5	23.5	15/16	68.1	20



METRIC-BSPP(G)

MODEL	ØD	ØP	T	L	A	B	H(Hex)	WEIGHT(g)	BOX(EA)
CVPC04-G01	4	10.0	G1/8	26.3	5.0	15.3	10	11.8	100
CVPC06-G01	6	11.9	G1/8	31.6	5.0	17.0	12	15.8	100
CVPC06-G02	6	11.9	G1/4	32.1	6.5	17.0	15	25.8	50
CVPC08-G01	8	14.0	G1/8	33.8	5.0	18.6	14	16.7	50
CVPC08-G02	8	14.0	G1/4	36.7	6.5	18.6	15	25.7	50
CVPC10-G03	10	23.0	G3/8	52.5	6.5	20.3	22	33.5	20
CVPC10-G04	10	23.0	G1/2	54.3	8.0	20.3	24	39.5	20
CVPC12-G03	12	25.0	G3/8	57.5	6.5	23.3	24	41.3	20
CVPC12-G04	12	25.0	G1/2	59.3	8.0	23.3	24	44.3	20