HAND VALVES

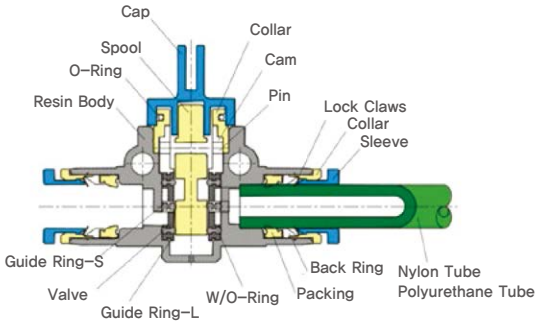
Application

• Used for turning air pressure on and off for pneumatic devices.

Feature

• When off, the three-way direction control valve discharges the residual pressure and blocks air flow-in.

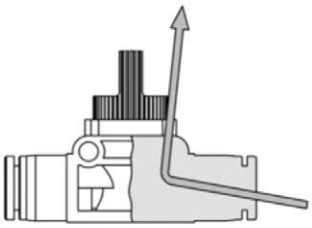
Structural Diagram



Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~284PSI	0~20Kgf/㎠(0~1960kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~176℉	0~80℃
Applicable Tube Material	Polyurethane and Nylon	





▶ 3 Way Direction, 2 Way Direction

- The three-way direction control valve, when the air is stopped, discharges residual pressure to the outlet, which assures safety in repairing or adjusting connected devices.
- The two-way direction control valve does not discharge residual pressure, and is suitable for a reservoir tank or other device that does not require a discharging residual pressure.
- The two-way direction control valve is also suitable for the system where a vacuum pipe is used

Product Code System

GHVFS 06 - 01

① ② ③

① Type

② Tube Dia(ØD)

Code	04	06	08	10	12
Dia	Ø4	Ø6	Ø8	Ø10	Ø12

③ Thread Size(T)

	Taper Pipe Thread			
Code	01	02	03	04
Size	R1/8	R1/4	R3/8	R1/2

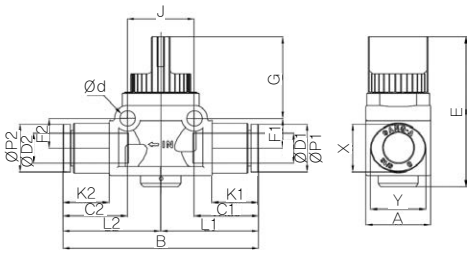
CAUTION

- Be sure to read the "Common Precautions" and "Using Precautions of Fitting Series" (P14) before using.
- When operating handle, turn at a right angle(90°), otherwise it may cause a shortage of fluid.

GHVFF

Union Straight





MODEL [ØD-T] Tube (Metric)-Thread(R) (mm)

CODE	MODEL	ØD1	ØD2	ØP1	ØP2	A	B	C1	C2	E	F1	F2	G	L1	L2	J	K1	K2	Ød	X	Y	W.G(g)	Q'ty/Inbox
21640404	GHVFF 04-04	4	4	9	9	17.6	43.2	14.5	14.5	40.7	10.3	5.7	22.2	21.6	21.6	18.2	7.6	7.6	4.2	8.6	10.8	14	25
21640606	GHVFF 06-06	6	6	11.2	11.2	17.6	48.9	15.5	15.5	40.7	8	8	22.2	24.5	24.5	18.2	10.5	10.5	4.2	11	13	15.6	25
21640806	GHVFF 08-06	8	6	13.6	11	17.6	52.6	17.8	17	40.7	8	8	22.2	26.6	26	18.2	12.6	12	4.2	13	15	17.6	25
21640808	GHVFF 08-08	8	8	13.6	13.6	17.6	53.2	17.8	17.8	40.7	8	8	22.2	26.6	26.6	18.2	12.6	12.6	4.2	13	15	17.6	25
21641010	GHVFF 10-10	10	10	16.3	16.3	21.2	61	19.4	19.4	40.9	10.1	10.1	20.1	30.5	30.5	24	13.5	13.5	4.2	16	18.5	26.5	20
21641210	GHVFF 12-10	12	10	19.7	16.3	21.2	65.8	22.4	21.4	40.9	10.1	10.1	20.1	33.4	32.5	24	16.4	15.4	4.2	19.5	22.5	33	16
21641212	GHVFF 12-12	12	12	19.7	19.7	21.2	66.8	22.4	22.4	40.9	10.1	10.1	20.1	33.4	33.4	24	16.4	16.4	4.2	19.5	22.5	33	16