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.

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	



Product Code System

GHVFS 06 - G01

① ② ③

① Type

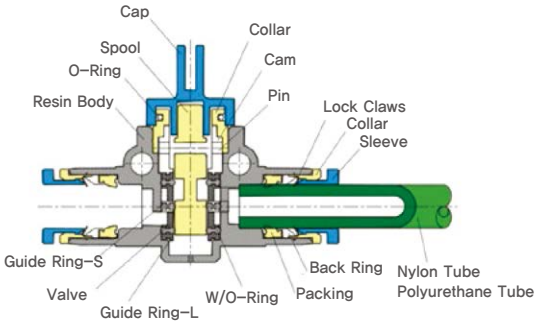
② Tube Dia(ØD)

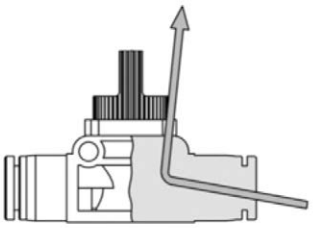
Code	04	06	08	10	12
Dia	Ø4	Ø6	Ø8	Ø10	Ø12

③ Thread Size(T)

	Taper Pipe Thread			
Code	G01	G02	G03	G04
Size	G1/8	G1/4	G3/8	G1/2

Structural Diagram





▶ 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

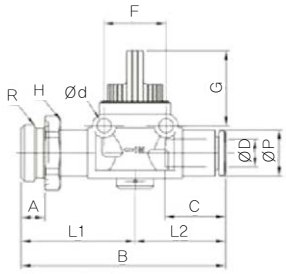
⚠ CAUTION

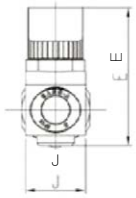
- Be sure to read the "Common Precautions" and "Using Precautions of Fitting Series" (P14) before using.
- When operating handle, turn at a right angle(90°), otherwise it may cause a shortage of fluid.

GHVFS-G

Straight Fitting - Thread







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

CODE	MODEL	ØD	ØP	C	L1	L2	A	B	G	F	H	R	Ød	E	J	W.G(g)	Q'ty/Inbox
21610431	GHVFS 04-G01	4	9	14.5	21.6	27.8	5.3	49.4	22.2	18.2	10	G1/8	4.2	40.7	17.6	20.2	25
21610432	GHVFS 04-G02	4	9	14.5	21.6	28.5	6	50.1	22.2	18.2	14	G1/4	4.2	40.7	17.6	24.5	25
21610433	GHVFS 04-G03	4	9	14.5	21.6	30	7	51.6	22.2	18.2	17	G3/8	4.2	40.7	17.6	31.5	25
21610631	GHVFS 06-G01	6	11.2	15.5	24.5	30.3	5.3	54.8	22.2	18.2	11	G1/8	4.2	40.7	17.6	21.8	25
21610632	GHVFS 06-G02	6	11.2	15.5	24.5	31	6	55.5	22.2	18.2	14	G1/4	4.2	40.7	17.6	26.2	25
21610633	GHVFS 06-G03	6	11.2	15.5	24.5	32.5	7	57	22.2	18.2	17	G3/8	4.2	40.7	17.6	32.9	25
21610831	GHVFS 08-G01	8	13.6	17.8	26.6	31.3	5.3	57.9	22.2	18.2	13	G1/8	4.2	40.7	17.6	23.7	25
21610832	GHVFS 08-G02	8	13.6	17.8	26.6	32.5	6	59.1	22.2	18.2	14	G1/4	4.2	40.7	17.6	28	25
21610833	GHVFS 08-G03	8	13.6	17.8	26.6	33.5	7	60.1	22.2	18.2	17	G3/8	4.2	40.7	17.6	33.9	25
21611032	GHVFS 10-G02	10	16.3	19.4	30.5	39	6	69.5	20.1	24	17	G1/4	4.2	40.9	21.2	42.8	20
21611033	GHVFS 10-G03	10	16.3	19.4	30.5	37.5	7	68	20.1	24	17	G3/8	4.2	40.9	21.2	43.6	20
21611034	GHVFS 10-G04	10	16.3	19.4	30.5	39	8.5	69.5	20.1	24	21	G1/2	4.2	40.9	21.2	57	20
21611232	GHVFS 12-G02	12	19.7	22.4	33.4	41	6	74.4	20.1	24	19	G1/4	4.2	40.9	21.2	54.4	20
21611233	GHVFS 12-G03	12	19.7	22.4	33.4	39.5	7	72.9	20.1	24	19	G3/8	4.2	40.9	21.2	51	20
21611234	GHVFS 12-G04	12	19.7	22.4	33.4	41	8.5	74.4	20.1	24	21	G1/2	4.2	40.9	21.2	66	20