

Metric Size **R(PT)** Thread Type

Metric Size R(PT) Thread Type

- One -Touch Fittings
- Compact One -Touch Fittings
- Speed Controllers
- Metal Body Speed Controllers
- Rotary Joints
- Stop Fittings
- Check Valves
- Ball Valves
- Main Blocks
- **Hand Valves**
- Hand Slide Valves
- Two-Touch Fittings

HAND VALVES

Application

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

Feature

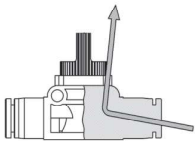
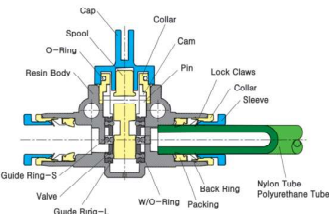
- When off, the three-way direction control valve discharges the residual pressure and blocks air flow-in.

Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~284PSI	0~20Kgf/cm ² (0~1960kPa)
Negative Pressure	-29.5 in Hg	-750mmHg(10Torr)
Temperature Range	32~176° F	0~80° C
Applicable Tube Material	Polyurethane and Nylon	



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.

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)

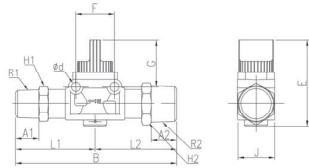
Taper Pipe Thread				
Code	01	02	03	04
Size	R1/8	R1/4	R3/8	R1/2

⚠ CAUTION

- Be sure to read the "Common Precautions" and "Using Precautions of Fitting Series" (P12) before using.
- When operating handle, turn at a right angle(90°), otherwise it may cause a shortage of fluid.

GHVSS

Nipple

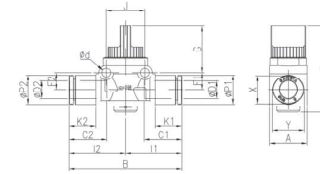


MODEL [ØD-T] Tube (Metric) - Thread (R)

MODEL	A1	A2	L1	L2	B	E	J	F	H1	H2	R1	R2	Ød	G	W.G(g)	Qty/box
GHVSS 01-01	8	8	35	35	70	40.7	17.6	18.2	13	13	R1/8	R1/8	4.2	22.2	35.6	25
GHVSS 02-01	11	8	37.5	35	72.5	40.7	17.6	18.2	14	13	R1/4	R1/8	4.2	22.2	39.8	25
GHVSS 02-02	11	11	37.5	37.5	75	40.7	17.6	18.2	14	14	R1/4	R1/4	4.2	22.2	44	25
GHVSS 03-02	12	11	42.5	40.5	83	40.9	21.2	24	17	17	R3/8	R1/4	4.2	20.1	63.6	20
GHVSS 03-03	12	12	42.5	42.5	85	40.9	21.2	24	17	17	R3/8	R3/8	4.2	20.1	68.7	20
GHVSS 04-03	15	12	45.5	42.5	88	40.9	21.2	24	21	17	R1/2	R3/8	4.2	20.1	85.9	20
GHVSS 04-04	15	15	45.5	45.5	91	40.9	21.2	24	21	21	R1/2	R1/2	4.2	20.1	103.1	20

GHVFF

Union Straight

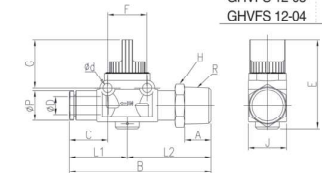


MODEL [ØD-T] Tube (Metric) - Thread (R)

MODEL	ØD1	ØD2	ØP1	ØP2	A	B	C1	C2	E	F1	F2	G	I1	I2	J	K1	K2	Ød	X	Y	W.G(g)	Qty/box
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
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
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
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
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

GHVFS

Straight Fitting Thread

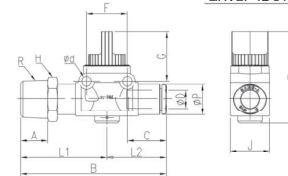


MODEL [ØD-T] Tube (Metric) - Thread (R)

MODEL	ØD	ØP	C	L1	L2	A	B	G	F	I1	I2	Ød	E	J	W.G(g)	Qty/box
GHVFS 04-01	4	9	14.5	31	21.6	8	52.6	22.2	18.2	10	R1/8	4.2	40.7	17.6	20.1	25
GHVFS 04-02	4	9	14.5	34	21.6	11	55.6	22.2	18.2	14	R1/4	4.2	40.7	17.6	28.2	25
GHVFS 04-03	4	9	14.5	35	21.6	12	56.6	22.2	18.2	17	R3/8	4.2	40.7	17.6	35.7	25
GHVFS 06-01	6	11.2	15.5	33.5	24.5	8	58	22.2	18.2	11	R1/8	4.2	40.7	17.6	22.7	25
GHVFS 06-02	6	11.2	15.5	36.5	24.5	11	61	22.2	18.2	14	R1/4	4.2	40.7	17.6	29.9	25
GHVFS 06-03	6	11.2	15.5	37.5	24.5	12	62	22.2	18.2	17	R3/8	4.2	40.7	17.6	37.9	25
GHVFS 08-01	8	13.6	17.8	35	26.6	8	61.6	22.2	18.2	13	R1/8	4.2	40.7	17.6	26.6	25
GHVFS 08-02	8	13.6	17.8	37.5	26.6	11	64.1	22.2	18.2	14	R1/4	4.2	40.7	17.6	30.8	25
GHVFS 08-03	8	13.6	17.8	38.5	26.6	12	65.1	22.2	18.2	17	R3/8	4.2	40.7	17.6	38.3	25
GHVFS 10-02	10	16.3	19.4	40.5	30.5	11	71	20.1	24	17	R1/4	4.2	40.9	21.2	42.5	20
GHVFS 10-03	10	16.3	19.4	42.5	30.5	12	73	20.1	24	17	R3/8	4.2	40.9	21.2	47.6	20
GHVFS 10-04	10	16.3	19.4	45.5	30.5	15	76	20.1	24	21	R1/2	4.2	40.9	21.2	64.8	20
GHVFS 12-02	12	19.7	22.4	42.5	33.4	11	75.9	20.1	24	19	R1/4	4.2	40.9	21.2	52.1	20
GHVFS 12-03	12	19.7	22.4	44.5	33.4	12	77.9	20.1	24	19	R3/8	4.2	40.9	21.2	57.3	20
GHVFS 12-04	12	19.7	22.4	47.5	33.4	15	80.9	20.1	24	21	R1/2	4.2	40.9	21.2	71.3	20

GHVSF

Straight Thread-Fitting



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

MODEL	ØD	ØP	C	L1	L2	A	B	G	F	I1	I2	Ød	E	J	W.G(g)	Qty/box
GHVSF 04-01	4	9	14.5	21.6	31	8	52.6	22.2	18.2	10	R1/8	4.2	40.7	17.6	20.1	25
GHVSF 04-02	4	9	14.5	21.6	34	11	55.6	22.2	18.2	14	R1/4	4.2	40.7	17.6	28.2	25
GHVSF 04-03	4	9	14.5	21.6	35	12	56.6	22.2	18.2	17	R3/8	4.2	40.7	17.6	35.7	25
GHVSF 06-01	6	11.2	15.5	24.5	33.5	8	58	22.2	18.2	11	R1/8	4.2	40.7	17.6	22.7	25
GHVSF 06-02	6	11.2	15.5	24.5	36.5	11	61	22.2	18.2	14	R1/4	4.2	40.7	17.6	29.9	25
GHVSF 06-03	6	11.2	15.5	24.5	37.5	12	62	22.2	18.2	17	R3/8	4.2	40.7	17.6	37.9	25
GHVSF 08-01	8	13.6	17.8	26.6	35	8	61.6	22.2	18.2	13	R1/8	4.2	40.7	17.6	26.6	25
GHVSF 08-02	8	13.6	17.8	26.6	37.5	11	64.1	22.2	18.2	14	R1/4	4.2	40.7	17.6	30.8	25
GHVSF 08-03	8	13.6	17.8	26.6	38.5	12	65.1	22.2	18.2	17	R3/8	4.2	40.7	17.6	38.3	25
GHVSF 10-02	10	16.3	19.4	30.5	40.5	11	71	20.1	24	17	R1/4	4.2	40.9	21.2	42.5	20
GHVSF 10-03	10	16.3	19.4	30.5	42.5	12	73	20.1	24	17	R3/8	4.2	40.9	21.2	47.6	20
GHVSF 10-04	10	16.3	19.4	30.5	45.5	15	76	20.1	24	21	R1/2	4.2	40.9	21.2	64.8	20
GHVSF 12-02	12	19.7	22.4	33.4	42.5	11	75.9	20.1	24	19	R1/4	4.2	40.9	21.2	52.1	20
GHVSF 12-03	12	19.7	22.4	33.4	44.5	12	77.9	20.1	24	19	R3/8	4.2	40.9	21.2	57.3	20
GHVSF 12-04	12	19.7	22.4	33.4	47.5	15	80.9	20.1	24	21	R1/2	4.2	40.9	21.2	71.3	20