

# PILOT OPERATED NON-RETURN VALVE

Metal Version - Swivel type - Series GV2

Cat No GV2 - 01 - 02 - B

## PILOT OPERATED NON-RETURN VALVE - G1/8, G1/4, G3/8, G1/2

### Features

- Low cracking pressure
- Bubble tight - elastomer seat
- Can be turned by 360°
- Rigid metal housing



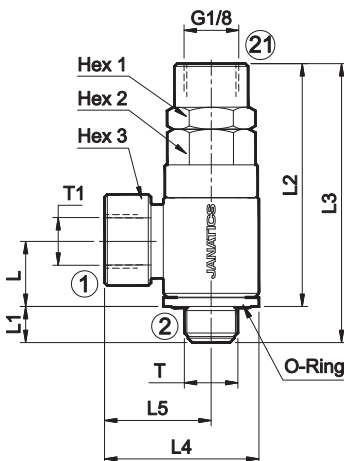
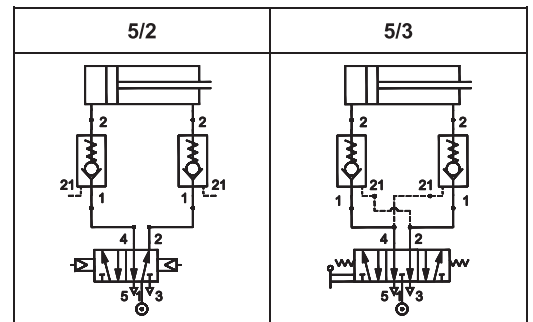
### Function

Pilot operated non-return valve is used for stopping the cylinder in intermediate position. So long as a pilot signal is applied, air is free to flow to and from the cylinder. When the pilot signal is removed, the valve acts as a conventional non-return valve and prevents air from exhausting from the cylinder, thus stopping movement.

### Technical Specifications

Model	G1/8	G1/4	G3/8	G1/2
Type	Pilot operated non return valve			
Medium	Compressed air - Dry / Lubricated			
Working pressure range	0.5 to 10 bar			
Pilot pressure	2 to 10 bar			
Ambient Temperature	-10° to +60° C			
Medium Temperature	+5° to +50° C			

### Example of circuit



Thread		L	L1	L2	L3	L4	L5	Hex1	Hex2	Hex3	Tightening Torque Nm.	Flow (lpm) @	Ordering No
T	T1												
G1/8	G1/8	12	7	45	53	28.5	19.5	14	14	15	5.5	250	GV21M6060
G1/4	G1/4	15	8	51	59	38.5	27	17	17	19	11	500	GV21M6161
G3/8	G3/8	18	9	57	66	43.5	29.5	22	23	24	20	900	GV21M6262
G1/2	G1/2	22	13	69	82	54	37	27	27	30	30	1100	GV21M6363

1 - Inlet, 2 - Outlet, 21 - External pilot  
@ Inlet pressure 6 bar, and pressure drop 1 bar

### How to order

While ordering Pilot operated non-return valve, mention the ordering number given in the corresponding tables.