



## NON RETURN VALVE ( Check Valve ) Series GV1

Cat No GV1 - 01

### Non - Return Valve G1/8, G1/4, G3/8, G1/2

#### Features

- ☐ Inline mounted
- ☐ Low cracking and closing pressure
- ☐ Bubble tight - elastomer seat



#### Technical Specifications

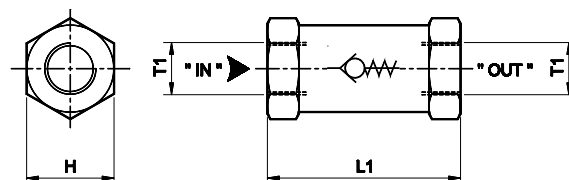
Ordering No	GV160	GV161	GV162	GV163
Size	G1/8	G1/4	G3/8	G1/2
Medium	Compressed air			
Working pressure range	0.4 - 10 bar			
Ambient / Medium temperature	5° - 60° C			
Materials of construction	Brass, Nitrile, Acetal			
NW mm	3.5	7	10	13
Flow lts/min <sup>@</sup>	400	1000	2800	4800
Weight Kg	0.068	0.098	0.102	0.232

@ Inlet pressure 6 bar, and pressure drop 1 bar

#### Operation

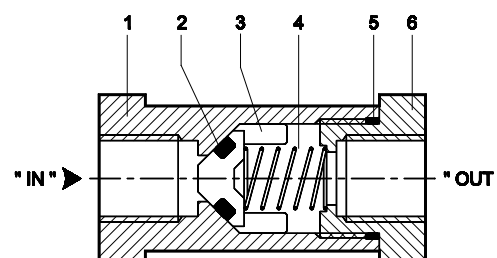
The valve shuts off instantaneously against reverse flow ( from "OUT" port to "IN" port ) and opens at low cracking pressure in the forward direction.

Ordering No	T1	H	L1
GV160	G1/8	19	40
GV161	G1/4	22	51
GV162	G3/8	24	54
GV163	G1/2	32	63



#### Spare parts list

Ref. no.	No. off	Part Name	Ordering no. for			
			GV160	GV161	GV162	GV163
1	1	Housing	-	-	-	-
2	1	'O' ring	650001	650112	650113	650103
3	1	Valve cone	724008	724009	724010	724011
4	1	Spring	-	-	-	-
5	1	'O' ring	650009	650018	650019	650115
6	1	Gland	-	-	-	-



#### Precautions

- Note the direction of flow before installation and connect piping accordingly.
- Flush pipings for dirt, dust, rust and other foreign particles.
- Install in clean atmosphere.
- Nipples of taper threads ( R ) to be used with teflon tape. Ensure Teflon tape doesnot enter the unit during tightening.  
straight threads ( G ) to be used with sealing washer.

Subject to change