# Process Valves

## Globe | Metal

**GC** **Special**

## 1/4"-1" | 2 Way NC

### Technical Data

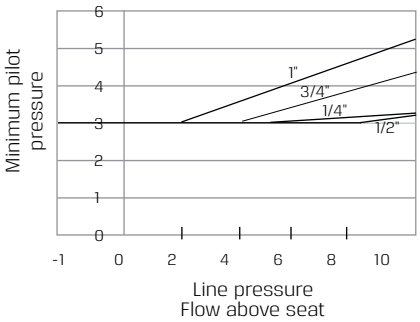
| | |
|---|---|
| Function | 2 Way NC |
| Ports size | 1/4", 3/8", 1/2", 3/4", 1" BSP & NPT |
| Pressure range | See table |
| Temperature range | **Fluid :** -5°C to 60°C (no freezing)<br>**Ambient :** -10°C to 50°C |
| Materials in contact with media | **Main Valve:**<br>Brass or Stainless Steel AISI 316<br>**Seals:**<br>NBR/PU, FKM, EPDM and PTFE |

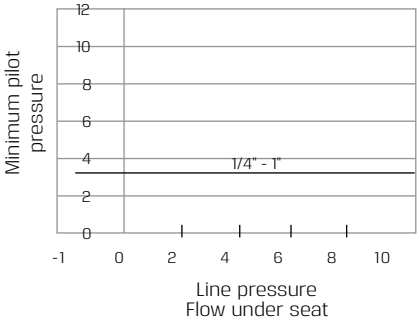
Plastic cover

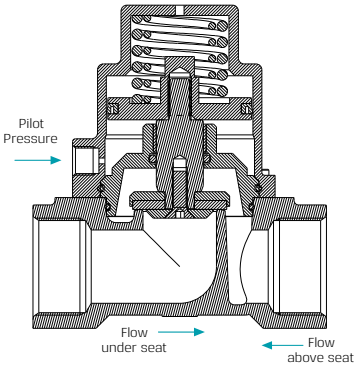
Brass cover

### Pressure (bar) & Flow

| Size | Orifice (mm) | Line Pressure |
|---|---|---|
| 1/4" | 8 | Vacuum - 10 bar |
| 3/8", 1/2" | 12 | Vacuum - 10 bar |
| 3/4" | 20 | Vacuum - 10 bar |
| 1" | 25 | Vacuum - 10 bar |



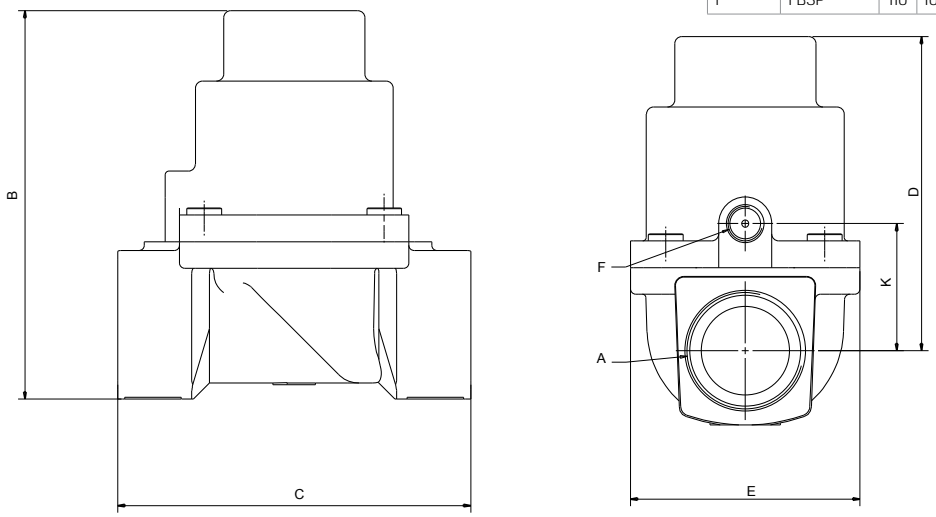



# **GC** | 1/4"-1" | 2 Way NC

## Dimensions

| Size | A | B | C | D | E | K | F |
|---|---|---|---|---|---|---|---|
| 1/4" | 1/4"BSP | 62 | 58 | 50 | 32 | 23 | 1/8"BSP |
| 3/8",1/2" | 3/8",1/2"BSP | 78 | 69 | 65 | 38 | 27 | 1/8"BSP |
| 3/4" | 3/4"BSP | 86 | 89 | 69 | 55 | 34 | 1/8"BSP |
| 1" | 1"BSP | 110 | 100 | 89 | 65 | 36 | 1/8"BSP |




## How to Order

| GC | - | BODY | | TYPE | | PORT | | - | FUNCTION | | SEALS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Brass | 2 | Globe | 1 | 1/4" BSP | 20 | | 2W NC | 1 | NBR/PU | N |
| | | Stainless Steel | 3 | | | 1/4" NPT | 21 | | 2W NC bidirectional | 1a | FKM | V |
| | | | | | | 3/8" BSP | 30 | | | | EPDM | E |
| | | | | | | 3/8" NPT | 31 | | | | PTFE | T |
| | | | | | | 1/2" BSP | 40 | | | | | |
| | | | | | | 1/2" NPT | 41 | | | | | |
| | | | | | | 3/4" BSP | 50 | | | | | |
| | | | | | | 3/4" NPT | 51 | | | | | |
| | | | | | | 1" BSP | 60 | | | | | |
| | | | | | | 1" NPT | 61 | | | | | |

## Example : **GC-2160-1E**

GC Brass, Globe 1" BSP, 2W NC, EPDM seals

* To order valves manufactured according to your specific requirements, please contact our technical sales department.