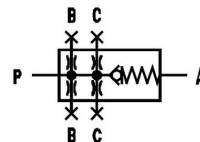
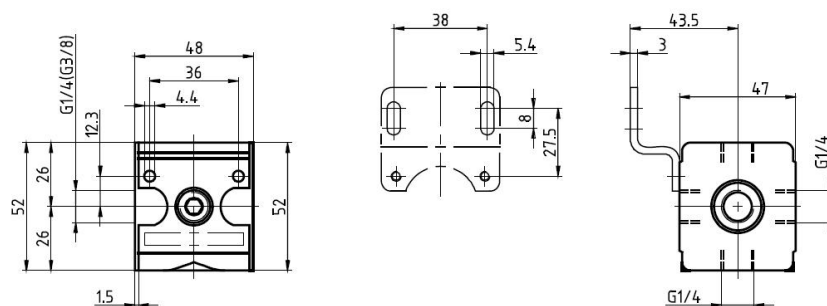


## Check valve Series Modul MCH03



|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Design type         | Poppet valve, spring-loaded                                            |
| Connection          | G1/4", G3/8" and G1/2" according to ISO228/1                           |
| Materials           | Housing Zinc die casting, Seals NBR                                    |
| Mounting type       | Installation in piping system or Wall mounting using mounting bracket  |
| Mounting position   | any                                                                    |
| Medium              | filtered compressed air                                                |
| Medium temperature  | 0...+60°C, (with appropriately conditioned compressed air -20...+60°C) |
| Ambient temperature | -20...+60°C                                                            |
| Inlet pressure      | maximum 16bar                                                          |
| Opening pressure    | 0,1bar                                                                 |

### Dimensional drawing for connection G1/4" and G3/8"

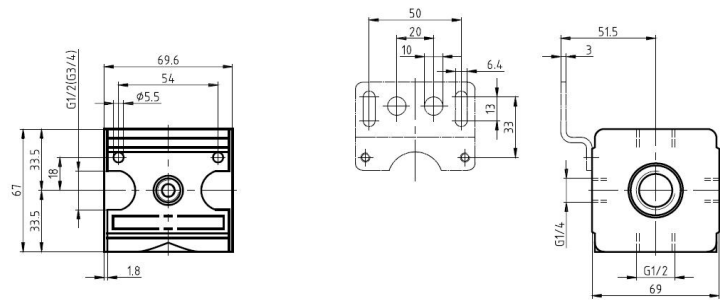


| Connection | Flow rate at 6 bar<br>[NI/min] | DN [mm] | Type     |
|------------|--------------------------------|---------|----------|
| G1/4"      | 700                            | 6       | MCH03-14 |
| G3/8"      | 700                            | 10      | MCH03-38 |

\*Flow rate at inlet pressure 6 bar and 1 bar pressure drop

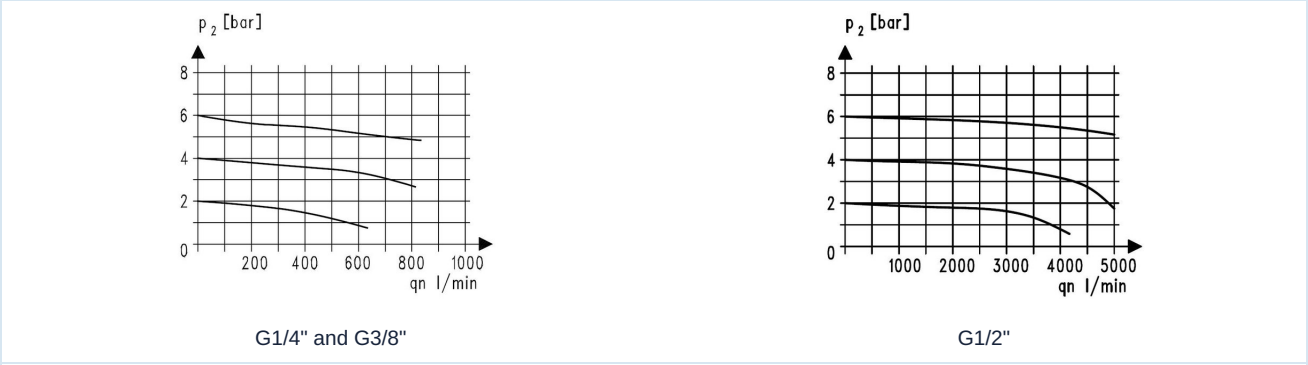


Dimensional drawing for connection G1/2"



| Connection                                                 | Flow rate at 6 bar<br>[Nl/min] | DN [mm] | Type     |
|------------------------------------------------------------|--------------------------------|---------|----------|
| G1/2"                                                      | 6000                           | 15      | MCH03-12 |
| *Flow rate at inlet pressure 6 bar and 1 bar pressure drop |                                |         |          |

Flow diagrams



Accessories

| Connection      | Designation              | Type         |
|-----------------|--------------------------|--------------|
| G1/4" and G3/8" | Holding angle (complete) | MMB03-14H/38 |
| G1/2"           | Holding angle (complete) | MMB03-12/34  |

Illustrations non-binding  
Design, dimensional and material changes reserved

Pneumatics / Regulators, filters and lubricators / Maintenance devices - series Modul / Check valve Series Modul MCH03