



## Technical Data Sheet Type 3/151

- 2/2-way pressure operated valve
- NC - Valve normally closed (as standard)
- NO - Valve normally open (as option)
- DW - Valve with double acting actuator (as option)

Direct pressure controlled valve. The valve seat is opened against a spring force via the control medium.

■ Valve for clean, gaseous and liquid media

### TECHNICAL SPECIFICATIONS

|                      |   |
|----------------------|---|
| Type of control      | Direct-pressure operated                                    |
| Design               | Diaphragm design  |
| Connection           | Flanges DN15 - DN50<br>EN 1092-1 Form B1/B2                 |
| Installation         | Preferable with actuator upright                            |
| Pressure             | 0 - 10 bar (see table on page 2)                            |
| Medium               | Clean, neutral, gaseous and liquid media                    |
| max. viscosity       | 50 mm <sup>2</sup> /s                                       |
| Temperature range    | Medium: -10 °C up to +80 °C<br>Ambient: -10 °C up to +50 °C |
| Body material        | EN-GJS-400-18-LT  |
| Metallic inner parts | PFA coated  |
| Sealing              | 2-piece PTFE diaphragm                                      |
| Pilot pressure       | 6 bar   |
| Pilot medium         | Clean and neutral gases                                     |

### VALVE FEATURES

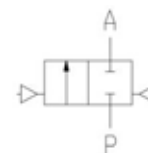
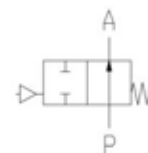
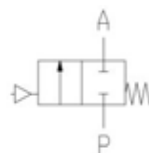
- No pressure difference required
- High life time
- High-quality materials
- Reliable and sturdy sealing elements
- Long-term availability of spare parts
- NO - non-pressurized open as option
- DW - double acting as option

### FUNCTION

NC – non pressurized closed

NO – non pressurized open

DW - double acting



### ORDERING SYSTEM

| Type      | Connect. | Housing             | Seal    | Option |
|-----------|----------|---------------------|---------|--------|
| 3 / 1 5 1 | - 0 2    | - 0 3               | 0 4     | - . .  |
| 01 DN15   | 02 DN20  | 03 EN-GJS-400-18-LT | 04 PTFE |        |
| 03 DN25   | 04 DN32  |                     |         |        |
| 05 DN40   | 06 DN50  |                     |         |        |

### A7241/1002/....

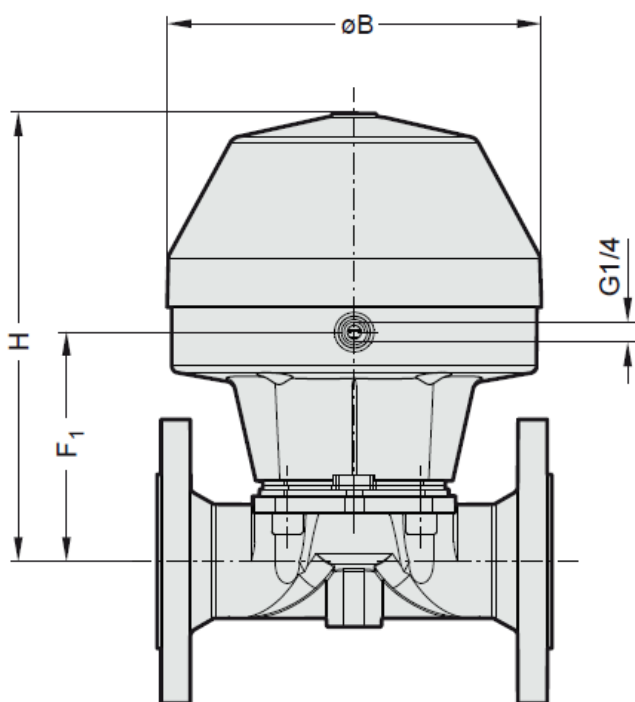


3/2-way direct operated, NC  
G1/4, orifice 1,5mm, 0-8 bar  
Brass / Stainless steel / FKM



## TECHNICAL FEATURES

| DN | Kv-value m³/h | Standard type | max. pressure |
|----|---------------|---------------|---------------|
|    |               |               | bar           |
| 15 | 5,0           | 3/151-01-0304 | 0-10          |
| 20 | 9,0           | 3/151-02-0304 | 0-10          |
| 25 | 13,0          | 3/151-03-0304 | 0-10          |
| 32 | 23,0          | 3/151-04-0304 | 0-10          |
| 40 | 26,0          | 3/151-05-0304 | 0-10          |
| 50 | 50,0          | 3/151-06-0304 | 0-10          |



| Type         | 3/151-01 | 3/151-02 | 3/151-03 | 3/151-04 | 3/151-05 | 3/151-06 |
|--------------|----------|----------|----------|----------|----------|----------|
| DN           | 15       | 20       | 25       | 32       | 40       | 50       |
| B            | 130      | 130      | 130      | 161      | 161      | 218      |
| F1           | 66       | 66       | 70       | 108      | 108      | 127      |
| H            | 160      | 160      | 160      | 208      | 213      | 263      |
| Inst. length | 130      | 150      | 160      | 180      | 200      | 230      |
| kg           | 3,6      | 4,4      | 4,9      | 9,0      | 9,0      | 15,0     |



## INFORMATION

- It is imperative to observe the installation and safety instructions in our operating and service manuals.
- For information on our GSR ordering code, please refer to our catalogs. If you have any questions, we will be glad to assist you.
- Required ordering information: valve type, function NC/NO, pressure range, connection, nominal width, medium, flow rate, medium and ambient temperatures, connection voltage.
- **Detailed production-specific drawings and other technical information will be made available when an order is placed**

Type 3/151

## PLEASE NOTE

Each individual application decides which valve type is required, the main factor being the resistance of the materials to the operating medium. The correct selection of materials requires knowledge of the concentration, temperature and degree of contamination of the medium. Other criteria include the operating pressure and max. volumetric flow, since , in addition to high temperatures , high pressures and high flow rates must also be taken into account when selecting the materials.

**All materials used for our valves, be it housing, seals or magnets, will be carefully selected in view of the different application areas. Any information given is non-binding and serves for orientation only. No claims under warranty can be derived therefrom.**

- The GSR logo is a registered trademark of GSR Ventiltechnik GmbH & Co. KG.
- Original products may differ from the product images shown, due to different materials and the like.
- Subject to error and changes.

**Stand: 06.18, MK-MG, Version 1.**