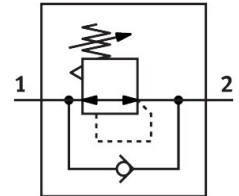
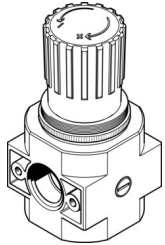


# Basic valve LR-D-7-DI-MAXI

Part number: 546513

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Size                                              | Maxi                                                                                                                           |
| Series                                            | D                                                                                                                              |
| Actuator lock                                     | Rotary knob with detent                                                                                                        |
| Mounting position                                 | Any                                                                                                                            |
| Structural design                                 | Directly controlled diaphragm regulator                                                                                        |
| Controller function                               | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow characteristic |
| Pressure gauge                                    | Set up for G1/4                                                                                                                |
| Operating pressure                                | 0.1 MPa...1.6 MPa<br>1 bar...16 bar                                                                                            |
| Pressure regulation range                         | 0.5 bar...7 bar                                                                                                                |
| Max. pressure hysteresis                          | 0.04 MPa<br>0.4 bar<br>5.8 psi                                                                                                 |
| Normal nominal flow rate (normalized to DIN 1343) | 1147 cfm                                                                                                                       |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases                                                                   |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use)                                                             |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                                                                                  |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                                                              |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases                                                                   |
| Temperature of medium                             | 14 °F...140 °F                                                                                                                 |
| Ambient temperature                               | 14 °F...140 °F                                                                                                                 |
| Product weight                                    | 46.6 oz                                                                                                                        |
| Type of mounting                                  | Front panel mounting<br>In-line installation<br>With accessories                                                               |
| Note on materials                                 | RoHS compliant                                                                                                                 |
| Seals material                                    | NBR                                                                                                                            |
| Housing material                                  | Die-cast zinc                                                                                                                  |

| Feature            | Value |
|--------------------|-------|
| Diaphragm material | NBR   |