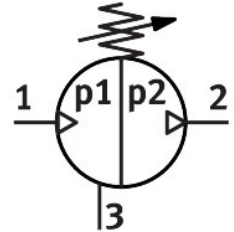
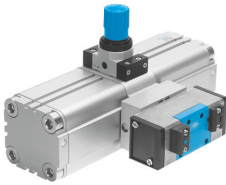


# Pressure booster DPA-100-10-A

Part number: 549401

FESTO



## Data sheet

| Feature                                  | Value                                                                                                     |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Piston diameter                          | 100 mm                                                                                                    |
| Mounting position                        | Any                                                                                                       |
| Structural design                        | Twin-piston pressure intensifier with piston magnet                                                       |
| Pressure gauge                           | G1/4 prepared                                                                                             |
| Output pressure 2                        | 0.4 MPa...1 MPa<br>58 psi...145 psi                                                                       |
| Outlet pressure 2                        | 4 bar...10 bar                                                                                            |
| Operating pressure                       | 0.2 MPa...0.8 MPa<br>2 bar...8 bar<br>29 psi...116 psi                                                    |
| Pressure regulation range MPa            | 0.4 MPa...1 MPa                                                                                           |
| Pressure regulation range                | 4 bar...10 bar                                                                                            |
| Pressure regulation range psi            | 58 psi...145 psi                                                                                          |
| Inlet pressure 1                         | 2 bar...8 bar                                                                                             |
| Inlet pressure 1 MPa                     | 0.2 MPa...0.8 MPa                                                                                         |
| Inlet pressure 1 psi                     | 29 psi...116 psi                                                                                          |
| Information on pressure regulation range | If the controller spring is tensioned to the maximum, the maximum output pressure may be exceeded by 40%. |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:3:4]                                                             |
| Information on operating and pilot media | Operation with oil lubrication not possible                                                               |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                                                             |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                                                         |
| Storage temperature                      | 5 °C...60 °C                                                                                              |
| Ambient temperature                      | 5 °C...60 °C                                                                                              |
| Product weight                           | 13000 g                                                                                                   |
| Type of mounting                         | With internal thread                                                                                      |
| Pneumatic connection 1                   | G1/2                                                                                                      |
| Pneumatic connection 2                   | G1/2                                                                                                      |
| Pneumatic connection 3                   | G1/2                                                                                                      |

| Feature           | Value          |
|-------------------|----------------|
| Note on materials | RoHS-compliant |