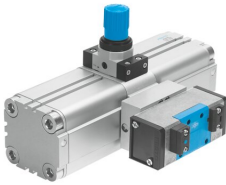


# Pressure booster DPA-100-10-A

Part number: 549401

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Piston diameter                                       | 100 mm  |
| Mounting position                                     | optional  |
| Design  | Twin-piston pressure booster<br>With piston magnet  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4   |
| Output pressure 2                                     | 0.4 MPa...1 MPa<br>4 bar...10 bar<br>58 psi...145 psi   |
| Operating pressure                                    | 0.2 MPa...0.8 MPa<br>2 bar...8 bar<br>29 psi...116 psi  |
| Pressure regulation range                             | 0.4 MPa...1 MPa<br>4 bar...10 bar<br>58 psi...145 psi   |
| Inlet pressure 1                                      | 2 bar...8 bar<br>0.2 MPa...0.8 MPa<br>29 psi...116 psi  |
| Note on pressure regulation range                     | If the controller spring is tensioned to the maximum, the maximum output pressure can be exceeded by 40%. |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:3:4]   |
| Note on operating and pilot medium                    | Lubricated operation 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                                      | Via female thread   |
| Pneumatic connection, port 1                          | G1/2  |
| Pneumatic connection, port 2                          | G1/2  |
| Pneumatic connection, port 3                          | G1/2  |
| Note on materials                                     | RoHS-compliant  |