

Pressure booster DPA-100-10-A

Part number: 549401

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Piston diameter | 100 mm |
| Mounting position | Any |
| Structural design | with piston magnet |
| Symbol | 00991432 |
| Pressure gauge | G1/4 prepared |
| Output pressure 2 | 0.4 MPa ... 1 MPa |
| Outlet pressure 2 | 4 bar ... 10 bar |
| Output pressure 2 | 58 psi ... 145 psi |
| Operating pressure | 0.2 MPa ... 0.8 MPa |
| Operating pressure | 2 bar ... 8 bar |
| Operating pressure | 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 |
| Note on materials | RoHS-compliant |