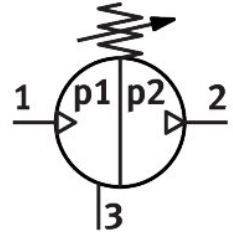
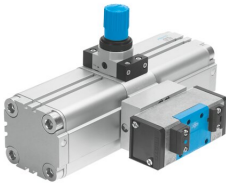


# Pressure booster DPA-100-16

Part number: 188399

FESTO



 General operating condition

## Data sheet

| Feature                                  | Value                                                                                                     |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Piston diameter                          | 100 mm                                                                                                    |
| Mounting position                        | Any                                                                                                       |
| Structural design                        | Twin-piston pressure intensifier                                                                          |
| Symbol                                   | 00991432                                                                                                  |
| Pressure gauge                           | G1/4 prepared                                                                                             |
| Output pressure 2                        | 0.4 MPa ... 1.6 MPa                                                                                       |
| Outlet pressure 2                        | 4 bar ... 16 bar                                                                                          |
| Output pressure 2                        | 58 psi ... 232 psi                                                                                        |
| Operating pressure                       | 0.2 MPa ... 1 MPa                                                                                         |
| Operating pressure                       | 2 bar ... 10 bar                                                                                          |
| Operating pressure                       | 29 psi ... 145 psi                                                                                        |
| Pressure regulation range MPa            | 0.4 MPa ... 1.6 MPa                                                                                       |
| Pressure regulation range                | 4 bar ... 16 bar                                                                                          |
| Pressure regulation range psi            | 58 psi ... 232 psi                                                                                        |
| Inlet pressure 1                         | 2 bar ... 10 bar                                                                                          |
| Inlet pressure 1 MPa                     | 0.2 MPa ... 1 MPa                                                                                         |
| Inlet pressure 1 psi                     | 29 psi ... 145 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                                                                                            |