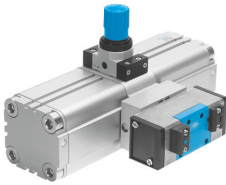


# Pressure booster DPA-63-16

Part number: 193392

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                                                                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Piston diameter                                       | 63 mm                                                                                                     |
| Mounting position                                     | optional                                                                                                  |
| Design                                                | Twin-piston pressure booster                                                                              |
| Symbol                                                | 00991432                                                                                                  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8                                                                                         |
| Output pressure 2                                     | 0.4 MPa ... 1.6 MPa                                                                                       |
| Output 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                             | 0.4 MPa ... 1.6 MPa                                                                                       |
| Pressure regulation range                             | 4 bar ... 16 bar                                                                                          |
| Pressure regulation range                             | 58 psi ... 232 psi                                                                                        |
| Inlet pressure 1                                      | 2 bar ... 10 bar                                                                                          |
| Inlet pressure 1                                      | 0.2 MPa ... 1 MPa                                                                                         |
| Inlet pressure 1                                      | 29 psi ... 145 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                                        | 6000 g                                                                                                    |
| Type of mounting                                      | Via female thread                                                                                         |
| Pneumatic connection, port 1                          | G3/8                                                                                                      |
| Pneumatic connection, port 2                          | G3/8                                                                                                      |
| Pneumatic connection, port 3                          | G3/8                                                                                                      |
| Note on materials                                     | RoHS-compliant                                                                                            |