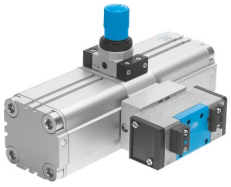
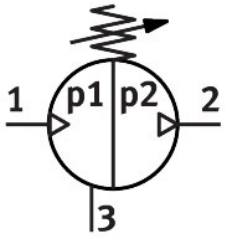
Pressure booster
DPA-100-10

Part number: 184519





Data sheet

Feature	Value
Piston diameter	100 mm
Mounting position	Any
Structural design	Double-piston pressure booster
Pressure gauge	Set up for G1/4
Output pressure 2	0.4 MPa...1 MPa 58 psi...145 psi
Outlet pressure 2	4 bar...10 bar
Operating pressure	0.2 MPa...0.8 MPa 2 bar...8 bar 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