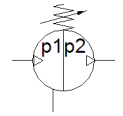
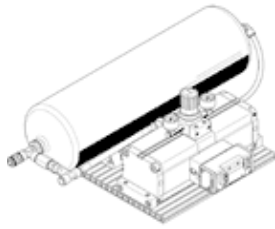


pressure booster DPA-100-16-CRVZS20

Part number: 552937

FESTO

combination of pressure booster and air reservoir in stainless steel design



Data sheet

Feature	Value
Piston diameter	100 mm
Volume	20 l
Assembly position	Downward condensate drain
Design structure	Twin-piston pressure booster with air reservoir with pressure gauge with non-return valve
Pressure gauge	with pressure gauge
Output pressure 2	0.4 ... 1.6 MPa 4 ... 16 bar 58 ... 232 psi
Operating pressure MPa	0.2 ... 0.8 MPa
Operating pressure	2 ... 8 bar 29 ... 116 psi
Pressure regulation range MPa	0.4 ... 1.6 MPa
Pressure regulation range	4 ... 16 bar
Pressure regulation range psi	58 ... 232 psi
Inlet pressure 1	2 ... 8 bar
Supply pressure 1 MPa	0.2 ... 0.8 MPa
Supply pressure 1 psi	29 ... 116 psi
CE mark (see declaration of conformity)	to EU directive pressure devices
UKCA marking (see declaration of conformity)	UK regulation for pressure equipment
Operating medium	Compressed air to ISO 8573-1:2010 [7:3:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	5 ... 60 °C
Ambient temperature	5 ... 60 °C
Max. tightening torque, condensate drain	27 Nm
Product weight	30,000 g
Mounting type	With slot nuts
Pneumatic connection, port 1	QS-16
Pneumatic connection, port 2	KD4
Pneumatic connection, port 3	Silencer
Materials note	Conforms to RoHS
Material of air reservoir	High alloy steel, non-corrosive