

twin-piston cylinder

DPZ-32-100-P-A

Part number: 159822

FESTO

With two parallel piston rods, for proximity sensing, with elastic cushioning rings in end positions.



Data sheet

Feature	Value
Centre of gravity distance from working load to yoke plate	0 mm
Stroke	100 mm
Adjustable end-position range/length	10 mm
Piston diameter	32 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 1 MPa
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.5 Nm
Max. useful load as a function of the stroke at defined distance xs	45 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	724 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	966 N
alternative connections	See product drawing
Pneumatic connection	G1/8
Material cover	Wrought Aluminium alloy
Material seals	NBR
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive