

# Dual piston rod cylinder DPZ-32-100-P-A-KF-S2

Part number: 162143

FESTO



## Data sheet

Feature	Value
Stroke	100 mm
Adjustable end position range/length	10 mm
Piston diameter	32 mm
Type code	DPZ
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Recirculating ball bearing guide
Design	Guide
Position sensing	For proximity sensor
Symbol	00991915
Variants	Through piston rod
Operating pressure	1 bar ... 10 bar
Operating pressure	0.1 MPa ... 1 MPa
Mode of operation	Double-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	0 - No corrosion stress
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.5 J
Theoretical force at 6 bar, retracting	724 N
Theoretical force at 6 bar, advancing	724 N
Alternative connections	See product drawing
Pneumatic connection	G1/8
Cover material	Wrought aluminum alloy
Seals material	NBR
Housing material	Wrought aluminum alloy
Piston rod material	Case-hardened steel