

Twin cylinder DPZ-32-80-P-A-KF-S2

Part number: 162142

FESTO



 General operating condition

Data sheet

Feature	Value
Stroke	80 mm
Adjustable end position range/length	10 mm
Piston diameter	32 mm
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Recirculating ball bearing guide
Structural design	Guide
Position sensing	For proximity sensor
Symbol	00991915
Variants	Through piston rod
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
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