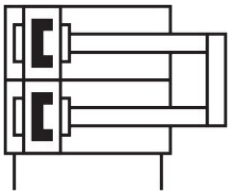
Twin cylinder
DPZ-32-100-P-A

Part number: 159822





Data sheet

Feature	Value
Distance of centre of gravity of payload to yoke plate xs	0 mm
Stroke	100 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	Plain-bearing guide
Structural design	Guide
Position sensing	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 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)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	0.5 Nm
Max. payload as a function of the stroke at defined distance xs	45 N
Theoretical force at 6 bar, retracting	724 N
Theoretical force at 6 bar, advancing	966 N
Product weight	2223 g
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	high-alloy stainless steel