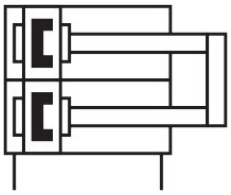
Twin cylinder
DPZ-32-100-P-A

Part number: 159822





Data sheet

Feature	Value
Distance from centre of gravity of load to yoke plate xs	0 mm
Stroke	100 mm
Adjustable end-position range/length	10 mm
Piston diameter	32 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Guide	Plain-bearing guide
Design	Guidance
Position detection	Via proximity switch
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in end positions	0.5 Nm
Max. effective load dependent upon stroke at defined distance xs	45 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	724 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	966 N
Product weight	2223 g
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 stainless steel