

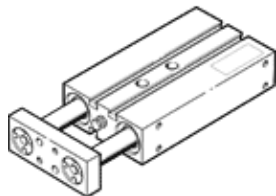
twin-piston cylinder

DPZ-16-100-P-A-KF

Part number: 162031

FESTO

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



Data sheet

Feature	Value
Stroke	100 mm
Adjustable end-position range/length	10 mm
Piston diameter	16 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Recirculating ball bearing guide
Design structure	Guide
Position detection	For proximity sensor
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	0 - No corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.15 Nm
Theoretical force at 6 bar, return stroke	180 N
Theoretical force at 6 bar, advance stroke	242 N
alternative connections	See product drawing
Pneumatic connection	M5
Material cover	Wrought Aluminium alloy
Material seals	NBR
Material housing	Wrought Aluminium alloy
Material piston rod	Case-hardened steel