

# Twin cylinder DPZ-16-50-P-A-KF

Part number: 162029

FESTO



## Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/length	10 mm
Piston diameter	16 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Guide	Recirculating ball 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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in end positions	0,15 Nm
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	180 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), 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