

Twin-piston cylinder DGTZ-GF-6-50-P-A

Part number: 8100546

FESTO



Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/length	10 mm
Piston diameter	6 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Operating pressure MPa	0.2 ... 0.8 MPa
Working pressure	2 ... 8 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	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Ambient temperature	-10 ... 80 °C
Impact energy in end positions	0.01 Nm
Max. useful load as a function of the stroke at defined distance xs	0.6 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	18.6 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	34 N
Moving mass	25 g
Product weight	148 g
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material seals	NBR
Material housing	Anodised wrought aluminium alloy
Material piston rod	High alloy steel, non-corrosive