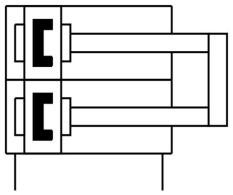
Twin cylinder
DGTZ-GF-16-10-P-A

Part number: 8100570



Data sheet

Feature	Value
Stroke	10 mm
Adjustable end position range/length	10 mm
Piston diameter	16 mm
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Sliding guide
Structural design	Guide
Position sensing	For proximity sensor
Symbol	00991249
Operating pressure	0.1 MPa ... 0.8 MPa
Operating pressure	1 bar ... 8 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C ... 80 °C
Impact energy in the end positions	0.15 J
Max. payload as a function of the stroke at defined distance xs	9.5 N
Theoretical force at 6 bar, retracting	181 N
Theoretical force at 6 bar, advancing	242 N
Moving mass	263 g
Product weight	263 g
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized
Piston rod material	High-alloy stainless steel