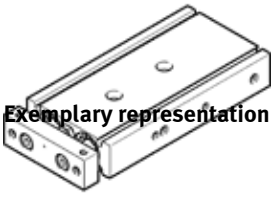
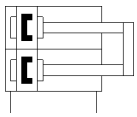
Twin-piston cylinder
DGTZ-GF-16- -P-A

Part number: 8116417



Exemplary representation



Data sheet

Feature	Value
Stroke	101 ... 200 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	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 0.8 MPa
Working pressure	1 ... 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	0.15 Nm
Max. useful load as a function of the stroke at defined distance xs	1.5 ... 2.9 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	181 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	242 N
Moving mass	161 ... 240 g
Moving mass with 0 mm stroke	80 g
Additional mass factor per 10 mm of stroke	8 g
Product weight	509 ... 776 g
Basic weight for 0 mm stroke	236 g
Additional weight per 10 mm stroke	27 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