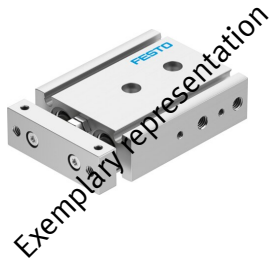


Twin cylinder DGTZ-GF-10- -P-A

Part number: 8116418

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Min. stroke limit (hard)	81 mm
Stroke	81 mm ... 150 mm
Max. stroke limit (hard)	150 mm
Adjustable end position range/length	10 mm
Piston diameter	10 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	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 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
Cleanroom class	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C ... 80 °C
Impact energy in the end positions	0.08 J
Max. payload as a function of the stroke at defined distance xs	1 N ... 2 N
Theoretical force at 6 bar, retracting	60 N
Theoretical force at 6 bar, advancing	94 N
Moving mass	72 g ... 103 g
Moving mass at 0 mm stroke	35.5 g
Additional moving mass per 10 mm stroke	4.5 g
Product weight	277 g ... 415 g
Basic weight with 0 mm stroke	115 g
Additional weight per 10 mm stroke	20 g
Pneumatic connection	M5
Note on materials	RoHS-compliant

Feature	Value
Cover material	Wrought aluminum alloy
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized
Piston rod material	High-alloy stainless steel