

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

Part number: 8116418

FESTO



Data sheet

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
Operating pressure	0.15 MPa...0.8 MPa 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 6 according to ISO 14644-1
Ambient temperature	-10 °C...80 °C
Impact energy in the end positions	0.08 Nm
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

Feature	Value
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