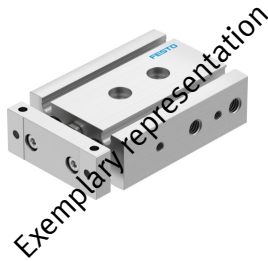


Twin cylinder DGTZ-GF-6- -P-A

Part number: 8116420

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Min. stroke limit (hard)	51 mm
Stroke	51 mm ... 60 mm
Max. stroke limit (hard)	60 mm
Adjustable end-position range/length	10 mm
Piston diameter	6 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Guide	Plain-bearing guide
Design	Guidance
Position detection	Via proximity switch
Symbol	00991249
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	2 bar ... 8 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C ... 80 °C
Impact energy in end positions	0.01 J
Max. effective load dependent upon stroke at defined distance xs	0.5 N ... 0.6 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	18.6 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	34 N
Moving mass	25 g ... 27 g
Moving mass for 0 mm stroke	15 g
Additional moving mass per 10 mm stroke	2 g
Product weight	148 g ... 164 g
Basic weight for 0 mm stroke	65.5 g
Additional weight per 10 mm stroke	16.5 g
Pneumatic connection	M5

Feature	Value
Note on materials	RoHS compliant
Material cover	Wrought aluminium alloy
Material seals	NBR
Material housing	Anodised wrought aluminium alloy
Material piston rod	High-alloy stainless steel