

Twin cylinder DGTZ-GF-16-50-J-T-P-A

Part number: 8103431

FESTO



 General operating condition

Data sheet

Feature	Value
Stroke	50 mm
Adjustable end-position range/length	10 mm
Piston diameter	16 mm
Operating mode, drive unit	Two yokes
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	Any
Guide	Plain-bearing guide
Design	Guidance
Position detection	Via proximity switch
Symbol	00991243
Operating pressure	0.12 MPa ... 0.8 MPa
Operating pressure	1.2 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	0.15 J
Max. effective load dependent upon stroke at defined distance xs	12.1 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	181 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	181 N
Moving mass	213 g
Product weight	545 g
Pneumatic connection	M5
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