


# Twin cylinder DGTZ-GF-10- -J-T-P-A

Part number: 8150886

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 ... 150 mm
Max. stroke limit (hard)	150 mm
Adjustable end-position range/length	10 mm
Piston diameter	10 mm
Operating mode, drive unit	Two yokes
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Guide	Plain-bearing guide
Design	Guidance
Position detection	Via proximity switch
Symbol	00991243
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 class	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C ... 80 °C
Impact energy in end positions	0.08 J
Max. effective load dependent upon stroke at defined distance xs	4.9 N ... 5.5 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	60 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	60 N
Moving mass	109 g ... 199 g
Moving mass for 0 mm stroke	64 g
Additional moving mass per 10 mm stroke	9 g
Product weight	362 g ... 568.5 g
Basic weight for 0 mm stroke	201 g
Additional weight per 10 mm stroke	24.5 g
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy

Feature	Value
Material seals	NBR
Material housing	Anodised wrought aluminium alloy
Material piston rod	High-alloy stainless steel