

# Twin cylinder DGTZ-GF-32-100-J-T-P-A

Part number: 8103519

FESTO



 General operating condition

## Data sheet

Feature	Value
Stroke	100 mm
Adjustable end position range/length	10 mm
Piston diameter	32 mm
Drive unit operating mode	Two yokes
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Sliding guide
Structural design	Guide
Position sensing	For proximity sensor
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 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 suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Ambient temperature	-10 °C ... 80 °C
Impact energy in the end positions	0.4 J
Max. payload as a function of the stroke at defined distance xs	32.7 N
Theoretical force at 6 bar, retracting	724 N
Theoretical force at 6 bar, advancing	724 N
Moving mass	1275.5 g
Product weight	2768 g
Pneumatic connection	G1/8
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