

Guided drive DGRF-C-GF-32- -

Part number: 563366

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 mm ... 400 mm
Piston diameter	32 mm
Operating mode, drive unit	Yoke
Cushioning	Elastic cushioning rings/plates at both ends Self-adjusting pneumatic end-position cushioning Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Guide	Plain-bearing guide
Design	Guidance
Position detection	Via proximity switch
Variants	For unlubricated operation
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 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	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitable for use with food	See supplementary material information
Ambient temperature	-20 °C ... 80 °C
Impact energy in end positions	0.4 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Torsional backlash	0.098 deg
Type of mounting	With through-hole With female thread
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Material guide rod	High-alloy stainless steel
Material housing	Wrought aluminium alloy
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy