

# Guided drive DGRF-C-GF-32- -

Part number: 563366

**FESTO**



## Data sheet

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	optional
Guide	Plain-bearing guide
Design	Guidance
Position detection	Via proximity switch
Variants	For unlubricated operation
Operating pressure	0.2 MPa...1.2 MPa 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	Either: With through-hole Via 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

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Material cylinder barrel	Wrought aluminium alloy