

# Guided actuator DGRF-C-GF-25- -P

Part number: 562217

**FESTO**



## Data sheet

Feature	Value
Stroke	10 mm...400 mm
Piston diameter	25 mm
Drive unit operating mode	Yoke
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Guide	Sliding guide
Structural design	Guide
Variants	For unlubricated operation
Operating pressure	0.2 MPa...1 MPa 2 bar...10 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)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
For use in the food industry	See supplementary material information
Ambient temperature	-20 °C...80 °C
Impact energy in the end positions	0.3 J
Theoretical force at 6 bar, retracting	247 N
Theoretical force at 6 bar, advancing	295 N
Torsional backlash	0.107 deg
Moving mass at 0 mm stroke	486 g
Additional moving mass per 10 mm stroke	37.7 g
Basic weight with 0 mm stroke	1199 g
Additional weight per 10 mm stroke	54.6 g
Type of mounting	With through-hole With internal thread Optionally:
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Guide rod material	High-alloy stainless steel

Feature	Value
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	Wrought aluminum alloy