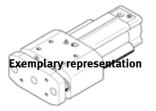
## guided drive DGRF-C-GF-63- -Part number: 562221



## **Data sheet**

Overall data sheet - Individual values depend upon your configuration.

Feature	Value
Stroke	10 400 mm
Piston diameter	63 mm
Operating mode of drive unit	Yoke
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Variants	For unlubricated operation
Operating pressure MPa	0.15 1.2 MPa
Operating pressure	1.5 12 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B2-L
Food-safe	See Supplementary material information
Ambient temperature	-20 80 °C
Impact energy in end positions	1.3 J
Cushioning length	22 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1,682 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,870 N
Torsional backlash	0.061 deg
Moving mass with 0 mm stroke	2,114 g
Additional mass factor per 10 mm of stroke	101.7 g
Basic weight for 0 mm stroke	6,405 g
Additional weight per 10 mm stroke	142.8 g
Mounting type	with through hole
	with internal (female) thread
	Optional
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Material cover	Aluminium die cast
	coated
Material guide rod	High alloy steel, non-corrosive
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminium alloy

**FESTO**