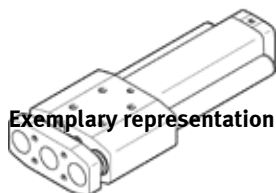


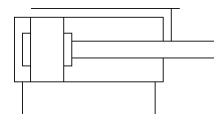
# Guide cylinder DGRF-C-GF-20- -P

Part number: 562216

FESTO



Exemplary representation



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 ... 400 mm
Piston diameter	20 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Variants	For unlubricated operation
Operating pressure MPa	0.2 ... 1 MPa
Working pressure	2 ... 10 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	0.2 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	141 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	189 N
Torsional backlash	0.125 deg
Moving mass with 0 mm stroke	417 g
Additional mass factor per 10 mm of stroke	37.7 g
Basic weight for 0 mm stroke	885 g
Additional weight per 10 mm stroke	52 g
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy
Material guide rod	High alloy steel, non-corrosive
Material housing	Wrought Aluminum alloy
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminum alloy