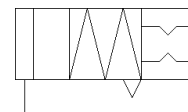
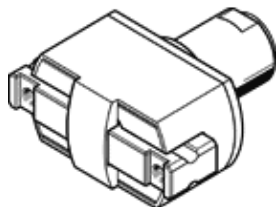


parallel gripper HGPM-12-EO-G8

Part number: 197566

FESTO

Micro, with clamping spigot.



Data sheet

Feature	Value
Size	12
Stroke per gripper jaw	3 mm
Max. replacement accuracy	0.2 mm
Rotationally symmetrical	0.15 mm
Repetition accuracy, gripper	≤ 0.05 mm
Number of gripper fingers	2
Mode of operation	single-acting open
Gripper function	Parallel
Design structure	Inclined plane
Position detection	No
Total force at 6 bar, opening	27 N
Operating pressure	4 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 6 bar	11 ms
Min. closing time at 6 bar	3.7 ms
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	1 - Low corrosion stress
Ambient temperature	5 ... 60 °C
Gripping force per gripper jaw at 6 bar, closing	13.5 N
Max. force on gripper jaw Fz static	30 N
Max. torque at gripper Mx static	0.5 Nm
Max. torque at gripper My static	0.5 Nm
Max. torque at gripper Mz static	0.5 Nm
Product weight	41 g
Mounting type	Clamped
Pneumatic connection	M3
Materials note	Free of copper and PTFE
Material cover cap	POM
Material housing	Wrought Aluminium alloy Anodised
Material gripper jaws	High alloy steel