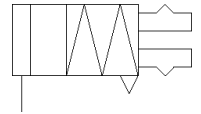
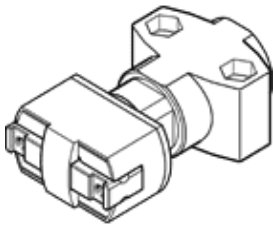


Parallel gripper HGPM-12-EZ-G6

Part number: 197568

FESTO

Micro, stroke compensation.



Data sheet

Feature	Value
Size	12
Stroke per gripper jaw	3 mm
Max. replacement accuracy	0.2 mm
Repetition accuracy, gripper	≤ 0.05 mm
Number of gripper fingers	2
Drive system	pneumatic
Mode of operation	single-acting closed
Gripper function	Parallel
Gripper force back-up	No
Design structure	Inclined plane
Position detection	No
Total gripping force at 0.6 MPa (6 bar, 87 psi), closing	35 N
Working pressure	4 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	3 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	8.3 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
PWIS conformity	VDMA24364-B2-L
Ambient temperature	5 ... 60 °C
Spring force of stroke compensator	10 ... 23 N
Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening	17.5 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	62 g
Mounting type	with through hole
Pneumatic connection	M3
Materials note	Conforms to RoHS
Material cover cap	POM
Material housing	Anodised wrought aluminium alloy
Material gripper jaws	High alloy steel