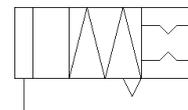
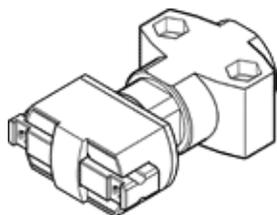


# Parallel gripper HGPM-12-EO-G6

Part number: 197565

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 open
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), opening	27 N
Working pressure	4 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	11 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	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
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) 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	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