

# Parallel gripper HGPM-08-EO-G9

Part number: 197561

FESTO



## Data sheet

Feature	Value
Size	8
Stroke per gripper jaw	2 mm
Max. interchangeability	0.2 mm
Rotational symmetry	0.15 mm
Pneumatic gripper repetition accuracy	≤0.05 mm
Type code	HGPM
Number of gripper jaws	2
Mode of operation	Single-acting Open
Gripper function	Parallel
Structural design	Inclined plane
Position sensing	None
Symbol	00991897
Total gripping force at 6 bar, opening	16 N
Operating pressure	4 bar ... 8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	4.9 ms
Min. closing time at 6 bar	2.3 ms
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
Ambient temperature	5 °C ... 60 °C
Gripping force per gripper jaw at 6 bar, closing	8 N
Maximum force on gripper jaw Fz, static	10 N
Maximum torque on gripper jaw, Mx static	0.1 Nm
Maximum torque on gripper jaw, My static	0.1 Nm
Maximum torque on gripper jaw, Mz static	0.1 Nm
Product weight	18 g
Type of mounting	With internal thread
Pneumatic connection	M3
Note on materials	Free of copper and PTFE
Cover cap material	POM
Housing material	Wrought aluminum alloy Anodized
Gripper jaw material	High-alloy steel