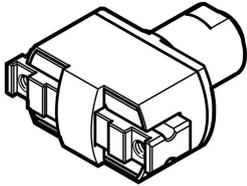


# Parallel gripper HGPM-08-EO-G8

Part number: 197560

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	11 g
Type of mounting	Clamped
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