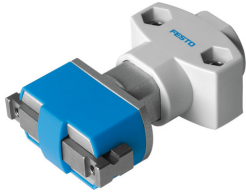


Parallel gripper HGPM-12-EO-G6

Part number: 197565

FESTO



Data sheet

Feature	Value
Size	12
Stroke per gripper jaw	3 mm
Max. interchangeability	0.2 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
Design	Inclined plane
Position sensing	None
Symbol	00991897
Total gripping force at 6 bar, opening	27 N
Operating pressure	4 bar ... 8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	11 ms
Min. closing time at 6 bar	3.7 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
Stroke compensation spring force	10 N ... 23 N
Gripping force per gripper jaw at 6 bar, closing	13.5 N
Maximum force on gripper jaw F _z , static	30 N
Maximum torque on gripper jaw, M _x static	0.5 Nm
Maximum torque on gripper jaw, M _y static	0.5 Nm
Maximum torque on gripper jaw, M _z static	0.5 Nm
Product weight	62 g
Type of mounting	With through-hole
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