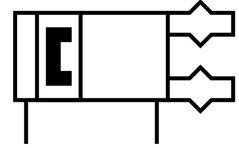


Parallel gripper HGP-16-A-B-SSK

Part number: 539636

FESTO



Data sheet

Feature	Value
Size	16
Stroke per gripper jaw	5 mm
Max. interchangeability	0.2 mm
Pneumatic gripper repetition accuracy	0.04 mm
Number of gripper jaws	2
Actuator system	Pneumatic
Mounting position	Any
Mode of operation	Double-acting
Gripper function	Parallel
Gripping force backup	Without
Structural design	Lever
Position sensing	For proximity sensor
Operating pressure	2 bar...8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	44 ms
Min. closing time at 6 bar	60 ms
Max. mass per external gripper finger	40 g
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
LABS (PWIS) conformity	VDMA24364-B2-L
Degree of protection	IP54
Ambient temperature	5 °C...60 °C
Gripping force per gripper jaw at 6 bar, opening	140 N 70 N
Gripping force per gripper jaw at 6 bar, closing	160 N 80 N
Mass moment of inertia	0.47 kgcm ²
Maximum force on gripper jaw Fz, static	90 N
Maximum torque on gripper jaw, Mx static	3.3 Nm
Maximum torque on gripper jaw, My static	3.3 Nm
Maximum torque on gripper jaw, Mz static	3.3 Nm

Feature	Value
Product weight	197 g
Type of mounting	With internal thread and centering sleeve Via through-hole and centering sleeve
Pneumatic connection	M3
Note on materials	RoHS-compliant
Cover cap material	TPV
Housing material	Wrought aluminum alloy, hard-anodized
Gripper jaw material	High-alloy steel