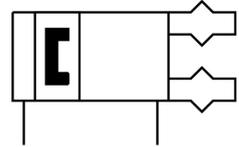


Parallel gripper HGP-16-A-B-SSK

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
Type code	HGP
Number of gripper jaws	2
Mounting position	Any
Gripper function	Parallel
Design	Lever
Position sensing	For proximity sensor
Symbol	00991894
Total gripping force at 6 bar, opening	140 N
Total gripping force at 6 bar, closing	160 N
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
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
Degree of protection	IP54
Ambient temperature	5 °C ... 60 °C
Gripping force per gripper jaw at 6 bar, opening	70 N
Gripping force per gripper jaw at 6 bar, closing	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
Max. mass per external gripper finger	40 g
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	Free of copper and PTFE
Cover cap material	TPV

Feature	Value
Housing material	Aluminum Hard-anodized
Gripper jaw material	High-alloy steel