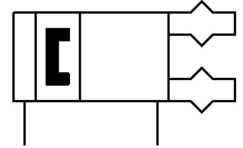


Parallel gripper HGP-25-A-B-SSK

Part number: 539635

FESTO



Data sheet

Feature	Value
Size	25
Stroke per gripper jaw	7.5 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	370 N
Total gripping force at 6 bar, closing	340 N
Operating pressure	2 bar ... 8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	47 ms
Min. closing time at 6 bar	50 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	185 N
Gripping force per gripper jaw at 6 bar, closing	170 N
Mass moment of inertia	3.831 kgcm ²
Maximum force on gripper jaw F _z , static	240 N
Maximum torque on gripper jaw, M _x static	11 Nm
Maximum torque on gripper jaw, M _y static	11 Nm
Maximum torque on gripper jaw, M _z static	11 Nm
Max. mass per external gripper finger	80 g
Product weight	737 g
Type of mounting	With internal thread and centering sleeve Via through-hole and centering sleeve
Pneumatic connection	G1/8
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