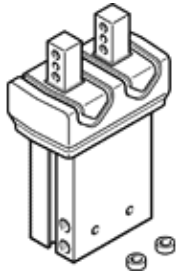


Parallel gripper HGP-16-A-B-SSK

Part number: 539636

FESTO

self-centering, can be used as internal and external gripper, for position sensing, with protective dust cap.



Data sheet

Feature	values
Size	16
Stroke per gripper jaw	5 mm
Max. replacement accuracy	0.2 mm
Repetition accuracy, gripper	< 0.04 mm
Number of gripper fingers	2
Assembly position	Any
Gripper function	Parallel
Design structure	Lever
Position detection	For proximity sensor
Total force at 6 bar, opening	140 N
Total force at 6 bar, closing	160 N
Working pressure	2 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 6 bar	44 ms
Min. closing time at 6 bar	60 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1
Protection class	IP54
Ambient temperature	5 ... 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
Max. force on gripper jaw Fz static	90 N
Max. torque at gripper Mx static	3.3 Nm
Max. torque at gripper My static	3.3 Nm
Max. torque at gripper Mz static	3.3 Nm
Max. ground per external gripper finger	40 g
Product weight	197 g
Mounting type	Internal thread and centering sleeve With through-hole and centering sleeve
Pneumatic connection	M3
Materials note	Free of copper and PTFE
Materials information for cover cap	TPV
Materials information, housing	Aluminum Hard anodized
Materials information for gripper jaws	High alloy steel