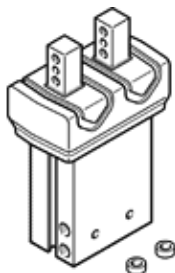


# Parallel gripper HGP-25-A-B-SSK

Part number: 539635

**FESTO**

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



## Data sheet

Feature	values
Size	25
Stroke per gripper jaw	7.5 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	370 N
Total force at 6 bar, closing	340 N
Working pressure	2 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 6 bar	47 ms
Min. closing time at 6 bar	50 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	185 N
Gripping force per gripper jaw at 6 bar, closing	170 N
Mass moment of inertia	3.831 kgcm <sup>2</sup>
Max. force on gripper jaw Fz static	240 N
Max. torque at gripper Mx static	11 Nm
Max. torque at gripper My static	11 Nm
Max. torque at gripper Mz static	11 Nm
Max. ground per external gripper finger	80 g
Product weight	737 g
Mounting type	Internal thread and centering sleeve With through-hole and centering sleeve
Pneumatic connection	G1/8
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