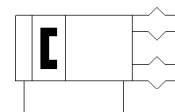
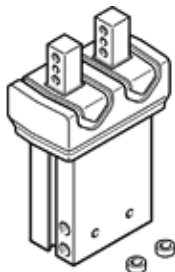


parallel gripper HGP-25-A-B-SSK

Part number: 539635

FESTO

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



Data sheet

Feature	Value
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
Operating 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 - Low corrosion stress
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 ²
Max. force on gripper jaw F _z static	240 N
Max. torque at gripper M _x static	11 Nm
Max. torque at gripper M _y static	11 Nm
Max. torque at gripper M _z static	11 Nm
Max. ground per external gripper finger	80 g
Product weight	737 g
Mounting type	Internal thread and centring sleeve With through-hole and centring sleeve
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
Material cover cap	TPV
Material housing	Aluminium Hard anodised
Material gripper jaws	High alloy steel