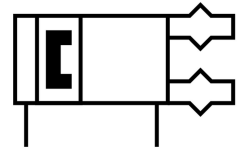


# Parallel gripper HGP-25-A-B-SSK

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
Number of gripper jaws	2
Actuator system	Pneumatic
Mounting position	Any
Mode of operation	Double-acting
Gripper function	Parallel
Gripping force backup	Without
Structural design	Lever
Position sensing	For proximity sensor
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
Max. mass per external gripper finger	80 g
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
LABS (PWIS) conformity	VDMA24364-B2-L
Degree of protection	IP54
Ambient temperature	5 °C...60 °C
Gripping force per gripper jaw at 6 bar, opening	370 N 185 N
Gripping force per gripper jaw at 6 bar, closing	340 N 170 N
Mass moment of inertia	3.831 kgcm <sup>2</sup>
Maximum force on gripper jaw Fz, static	240 N
Maximum torque on gripper jaw, Mx static	11 Nm
Maximum torque on gripper jaw, My static	11 Nm
Maximum torque on gripper jaw, Mz static	11 Nm

Feature	Value
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	RoHS-compliant
Cover cap material	TPV
Housing material	Wrought aluminum alloy, hard-anodized
Gripper jaw material	High-alloy steel