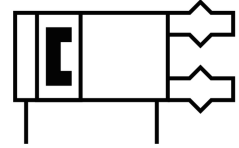


Parallel gripper HGP-16-A-B-SSK

Part number: 539636

FESTO



Data sheet

Feature	Value
Size	16
Stroke per gripper jaws	5 mm
Max. replacement accuracy	0.2 mm
Repetition accuracy, gripper	0.04 mm
Number of gripper jaws	2
Drive system	Pneumatic
Mounting position	optional
Mode of operation	Double-acting
Gripper function	Parallel
Gripper force back-up	None
Design	Lever
Position detection	Via proximity switch
Operating pressure	2 bar...8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	44 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	60 ms
Max. mass per external gripper finger	40 g
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Degree of protection	IP54
Ambient temperature	5 °C...60 °C
Total gripping force, opening, 0.6MPa (6bar, 87 psi)	140 N
Total gripping force, closing, 0.6MPa (6bar, 87 psi)	160 N
Gripper force per gripper jaw, opening, 0.6 MPa (6 bar, 87 psi)	70 N
Gripper force per gripper jaw, closing, 0.6 MPa (6 bar, 87 psi)	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

Feature	Value
Max. torque at gripper Mz static	3.3 Nm
Product weight	197 g
Type of mounting	Via female thread and centring sleeve Via through-hole and centring sleeve
Pneumatic connection	M3
Note on materials	RoHS-compliant
Material cover cap	TPV
Material housing	Hard anodised wrought aluminium alloy
Material gripper jaws	High-alloy steel