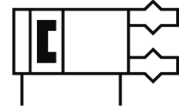


Parallel gripper HGP-06-A

Part number: 174815

FESTO

Self-centering, can be used as internal and external gripper. Magnetic piston for proximity position sensing.



Data sheet

Feature	Value
Size	6
Stroke per gripper jaw	2 mm
Max. replacement accuracy	0.2 mm
Repetition accuracy, gripper	≤ 0.04 mm
Number of gripper fingers	2
Mode of operation	double-acting
Gripper function	Parallel
Design structure	Inclined plane
Position detection	For Hall sensors
Total force at 6 bar, opening	20 N
Total force at 6 bar, closing	20 N
Working pressure	2 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 6 bar	5 ms
Min. closing time at 6 bar	5 ms
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	5 ... 60 °C
Gripping force per gripper jaw at 6 bar, opening	10 N
Gripping force per gripper jaw at 6 bar, closing	10 N
Max. force on gripper jaw Fz dynamic	0.1 N
Max. force on gripper jaw Fz static	14 N
Max. torque at gripper Mx dynamic	0.001 Nm
Max. torque at gripper Mx static	0.1 Nm
Max. torque at gripper My dynamic	0.001 Nm
Max. torque at gripper My static	0.1 Nm
Max. torque at gripper Mz dynamic	0.001 Nm
Max. torque at gripper Mz static	0.1 Nm
Product weight	18 g
Mounting type	with internal (female) thread
Pneumatic connection	M3
Materials note	Free of copper and PTFE
Materials information for cover cap	PA
Materials information, housing	Aluminum Nickel plated
Materials information for gripper jaws	High alloy steel