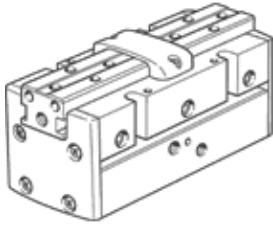


Parallel gripper HGPP-32-A

Part number: 525664

FESTO

Precise, for position sensing via hall effect sensor or inductive sensors.



Data sheet

Feature	values
Size	32
Stroke per gripper jaw	12.5 mm
Max. replacement accuracy	0.1 mm
Repetition accuracy, gripper	≤ 0.02 mm
Number of gripper fingers	2
Mode of operation	double-acting
Gripper function	Parallel
Design structure	Rack and pinion
Position detection	For Hall sensors For inductive sensors
Total force at 6 bar, opening	830 N
Total force at 6 bar, closing	830 N
Working pressure	2 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 6 bar	76 ms
Min. closing time at 6 bar	110 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	2
Ambient temperature	5 ... 60 °C
Gripping force per gripper jaw at 6 bar, opening	415 N
Gripping force per gripper jaw at 6 bar, closing	415 N
Max. force on gripper jaw Fz static	720 N
Max. torque at gripper Mx static	30 Nm
Max. torque at gripper My static	30 Nm
Max. torque at gripper Mz static	30 Nm
Max. ground per external gripper finger	300 g
Product weight	1,408 g
Mounting type	with internal (female) thread
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
Materials information for cover cap	POM
Materials information, housing	Wrought Aluminum alloy Hard anodized
Materials information for gripper jaws	Wrought Aluminum alloy Nickel plated