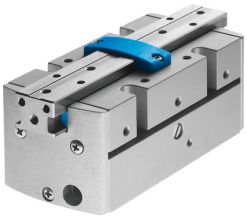
Parallel gripper
HGPP-25-A-G2

Part number: 525663

FESTO





Data sheet

Feature	Value
Size	25
Stroke per gripper jaw	10 mm
Max. interchangeability	0.1 mm
Pneumatic gripper repetition accuracy	≤0.02 mm
Type code	HGPP
Number of gripper jaws	2
Mode of operation	Double-acting
Gripper function	Parallel
Gripping force backup	During closing
Design	Gear rack/pinion
Position sensing	For Hall sensor For inductive proximity sensors
Symbol	00991895
Operating pressure	5 bar ... 8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	105 ms
Min. closing time at 6 bar	90 ms
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)	2 - Moderate corrosion stress
Ambient temperature	5 °C ... 60 °C
Maximum force on gripper jaw Fz, static	380 N
Maximum torque on gripper jaw, Mx static	21 Nm
Maximum torque on gripper jaw, My static	21 Nm
Maximum torque on gripper jaw, Mz static	21 Nm
Max. mass per external gripper finger	250 g
Product weight	898 g
Type of mounting	With internal thread
Pneumatic connection	M5
Note on materials	Free of copper and PTFE
Cover cap material	POM
Housing material	Wrought aluminum alloy Hard-anodized
Gripper jaw material	Wrought aluminum alloy Nickel-plated