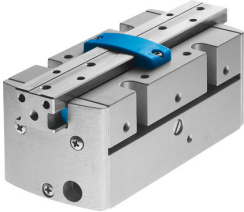


# Parallel gripper HGPP-20-A

Part number: 187873

FESTO



## Data sheet

Feature	Value
Size	20
Stroke per gripper jaw	7.5 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
Design	Gear rack/pinion
Position sensing	For Hall sensor For inductive proximity sensors
Symbol	00991894
Total gripping force at 6 bar, opening	340 N
Total gripping force at 6 bar, closing	340 N
Operating pressure	2 bar ... 8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	44 ms
Min. closing time at 6 bar	59 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
Gripping force per gripper jaw at 6 bar, opening	170 N
Gripping force per gripper jaw at 6 bar, closing	170 N
Maximum force on gripper jaw Fz, static	220 N
Maximum torque on gripper jaw, Mx static	14 Nm
Maximum torque on gripper jaw, My static	14 Nm
Maximum torque on gripper jaw, Mz static	14 Nm
Max. mass per external gripper finger	200 g
Product weight	604 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

Feature	Value
Gripper jaw material	Wrought aluminum alloy Nickel-plated