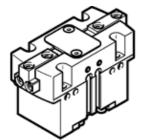
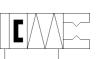
## parallel gripper HGPT-20-A-B-F-G2 Part number: 560203

sturdy, with gripping force retention when closing ...-G2.



## **Data sheet**

Feature	Value
Size	20
Stroke per gripper jaw	2 mm
Max. replacement accuracy	<= 0.2 mm
Max. angular gripper jaw backlash ax,ay	<= 0.1 deg
Max. gripper jaw backlash Sz	<= 0.02 mm
Rotationally symmetrical	<= 0.2 mm
Repetition accuracy, gripper	<= 0.04 mm
Number of gripper fingers	2
Assembly position	Any
Mode of operation	double-acting
Gripper function	Parallel
Gripper force back-up	On closing
Design structure	Inclined plane
	guided motion sequence
Position detection	For proximity sensor
Operating pressure	4 8 bar
Operating pressure, sealing air	0 0.5 bar
Max. operating frequency of gripper	-
	(= 3 Hz
Min. opening time at 6 bar	38 ms
Min. closing time at 6 bar	14 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 - Moderate corrosion stress
Protection class	IP40
Ambient temperature	5 60 °C
Mass moment of inertia	0.445 kgcm2
Max. force on gripper jaw Fz static	700 N
Max. torque at gripper Mx static	15 Nm
Max. torque at gripper My static	15 Nm
Max. torque at gripper Mz static	8 Nm
Lubrication interval for guide components	5 Mio SP
Max. mass per external gripper finger	50 g
Product weight	155 g
Mounting type	Internal thread and centring sleeve
	With through-hole and centring sleeve
	With through-hole and dowel pin
	With internal thread and dowel pin
	Optional
Pneumatic connection, sealing air	M5
Pneumatic connection	M5
Materials note	Free of copper and PTFE
	Conforms to RoHS
Material cover cap	High alloy steel, non-corrosive
Material housing Material gripper jaws	Aluminium
	Anodised
	Steel
Materiai gripper Jaws	
	Hardened



**FESTO**