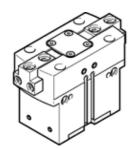
parallel gripper HGPT-40-A-B-F-G1 Part number: 560220

FESTO

sturdy, with gripping force retention when opening ...-G1.





Data sheet

Stroke per gripper jaw Stroke per gripper jaw Stroke per gripper jaw Max. reglacement accuracy 4 - 0.2 mm Max. angular gripper jaw backlash ax,ay 4 - 0.1 deg Max. angular gripper jaw backlash ax,ay 4 - 0.07 mm Rotationally symmetrical 4 - 0.2 mm Repetition accuracy, gripper 4 - 0.05 mm Number of gripper fingers 2 - 2 Assembly position Any Made of operation Gripper frunction Gripper frunction Gripper frunction Gripper frunction Parallel Gripper frunction Gripper frunction Parallel Gripper frunction Position detection For proximity sensor Operating pressure 4 8 bar O 0.5 bar Max. operating frequency of gripper 4 8 bar O 0.5 bar Max. operating mea at 6 bar Min. opening time at 6 bar 14 2 ms Non-operating meal dispersion Note on operating and pilot medium Lubricated operation possible (subsequently required for further operating) and pilot medium Lubricated operation possible (subsequently required for further operating) and pilot medium Lubrication classification CRC 2 - Moderate corrosion stress Paú Max. torque at gripper fw static Max. torque	Feature	Value
Max. replacement accuracy	Size	40
Max. replacement accuracy	Stroke per gripper jaw	5 mm
Max. gripper jaw backlash sz c = 0.1 deg Max. gripper jaw backlash Sz c = 0.2 mm Rotationally symmetrical c = 0.2 mm Repetition accuracy, gripper Any Mode of operation Gripper function Gripper force back-up Do n opening Design structure Position detection Operating pressure Operating pressure Operating pressure Operating pressure, sealing air Min. cobsing time at 6 bar 71 ms Min. cobsing time at 6 bar 72 ms Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class Ambien temperature Sunderate or finertia Max. force on gripper jaw Fz static Max. torque at gripper Mx static Max. crupa at gripper Mx static Max. crupa at gripper Mx static Max. crupa at gripper Mx static Do Nom Max. crupa at gripper Mx static Max. crupa at gripper Mx static Product weight Max. crupa at gripper Mx static Max. crupa at gripper Mx static Product weight Max. crupa at gripper Mx static Max. crupa at gripper Mx static Product weight Mounting type Material cover cap	· - · · ·	
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Mass moment of inertia 10.99 kgcm2 Max. force on gripper jaw Fz static 2,500 N Max. torque at gripper Mx static 100 Nm Max. torque at gripper My static 90 Nm Max. torque at gripper My static 75 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 1,075 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 Pneumatic connection M5 Materials note Free of copper and PTFE Conforms to RoHS Material cover cap Material housing Material gripper jaws Steel	Protection class	IP40
Max. force on gripper jaw Fz static 2,500 N Max. torque at gripper Mx static 100 Nm Max. torque at gripper My static 90 Nm Max. torque at gripper Mz static 75 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 310 g Product weight 1,075 g Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread 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 Material housing Aluminium Anodised Material gripper jaws	Ambient temperature	5 60 °C
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Max. torque at gripper Mz static Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 75 Nm 1,075 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 Pneumatic connection M5 Materials note Free of copper and PTFE Conforms to RoHS Material cover cap High alloy steel, non-corrosive Material gripper jaws Steel	Max. torque at gripper Mx static	100 Nm
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Max. mass per external gripper finger Product weight 1,075 g Mounting type Internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air Pneumatic connection M5 Materials note Free of copper and PTFE Conforms to RoHS Material cover cap High alloy steel, non-corrosive Material fripper jaws Steel	Max. torque at gripper Mz static	75 Nm
Product weight Mounting type Internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air Pneumatic connection M5 Pneumatic connection M5 Materials note Free of copper and PTFE Conforms to RoHS Material cover cap High alloy steel, non-corrosive Material gripper jaws Steel		5 Mio SP
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