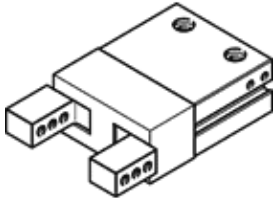


Parallel gripper HGP-20-A-B-G2

Part number: 525891

FESTO

Self-centring, can be used as internal and external gripper, with facility for proximity position sensing, with gripper retention force, closing ...-G2.



Data sheet

| Feature | Value |
|---|--|
| Size | 20 |
| Stroke per gripper jaw | 6.5 mm |
| Max. replacement accuracy | 0.2 mm |
| Repetition accuracy, gripper | ≤ 0.04 mm |
| Number of gripper fingers | 2 |
| Mode of operation | double-acting |
| Gripper function | Parallel |
| Gripper force back-up | during closing, G2 |
| Design structure | Lever |
| Position detection | For proximity sensor |
| Operating pressure | 5 ... 8 bar |
| Max. operating frequency of gripper | 4 Hz |
| Min. opening time at 6 bar | 39 ms |
| Min. closing time at 6 bar | 42 ms |
| Operating medium | Filtered, unlubricated compressed air, 40 µm filtration Filtered, lubricated compressed air, 40 µm filtration |
| Corrosion resistance classification CRC | 1 |
| Ambient temperature | 10 ... 60 °C |
| Max. force on gripper jaw Fz dynamic | 15 N |
| Max. force on gripper jaw Fz static | 150 N |
| Max. torque at gripper Mx dynamic | 0.6 Nm |
| Max. torque at gripper Mx static | 6 Nm |
| Max. torque at gripper My dynamic | 0.6 Nm |
| Max. torque at gripper My static | 6 Nm |
| Max. torque at gripper Mz dynamic | 0.6 Nm |
| Max. torque at gripper Mz static | 6 Nm |
| Product weight | 402 g |
| Mounting type | Optional with through hole with internal (female) thread |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE |
| Materials information for cover cap | PA |
| Materials information, housing | Wrought Aluminium alloy Hard anodised |
| Materials information for gripper jaws | High alloy steel, non-corrosive |