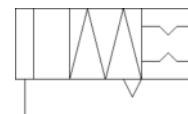
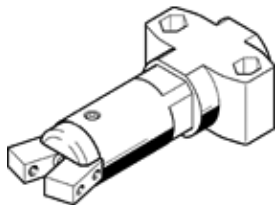


Angle gripper HGWM-12-EO-G6

Part number: 185699

FESTO

Micro, stroke compensation.



Data sheet

| Feature | values |
|-----------------------------------------|----------------------------------------------------------|
| Size | 12 |
| Max. angular gripper jaw backlash ax,ay | 0.5 deg |
| Max. gripper jaw backlash Sz | 0.03 mm |
| Max. opening angle | 18.5 deg |
| Repetition accuracy, gripper | ≤ 0.02 mm |
| Number of gripper fingers | 2 |
| Mode of operation | single-acting open |
| Gripper function | Angle |
| Design structure | Inclined plane |
| Position detection | No |
| Working pressure | 2 ... 8 bar |
| Max. operating frequency of gripper | 4 Hz |
| Min. opening time at 6 bar | 3.7 ms |
| Min. closing time at 6 bar | 1.8 ms |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:-:-] |
| Corrosion resistance classification CRC | 2 |
| Ambient temperature | 5 ... 60 °C |
| Spring force of stroke compensator | 10 ... 23 N |
| Spring return moment | 1.3 Ncm |
| Total gripping torque at 6 bar, closing | 64 Ncm |
| Max. force on gripper jaw Fz static | 20 N |
| Max. torque at gripper Mx static | 40 Ncm |
| Max. torque at gripper My static | 40 Ncm |
| Max. torque at gripper Mz static | 40 Ncm |
| Product weight | 75 g |
| Mounting type | with internal (female) thread |
| Pneumatic connection | M3 |
| Materials note | Free of copper and PTFE |
| Materials information for cover cap | POM |
| Materials information, housing | High alloy steel, non-corrosive |
| Materials information for gripper jaws | High alloy steel |