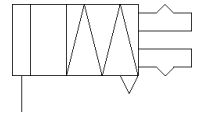
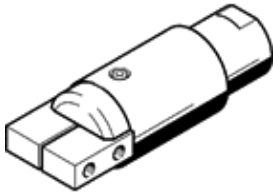


# Angle gripper HGWM-12-EZ-G8

Part number: 185704

FESTO

Micro, with clamping spigot.



## Data sheet

| Feature  | Value   |
|--|---|
| Size   | 12  |
| Max. angular gripper jaw backlash ax,ay                  | 0.5 deg   |
| Max. gripper jaw backlash Sz                             | 0.03 mm   |
| Max. opening angle                                       | 14 deg  |
| Repetition accuracy, gripper                             | ≤ 0.02 mm   |
| Number of gripper fingers                                | 2   |
| Mode of operation  | single-acting<br>closed                                 |
| 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 0.6 MPa (6 bar, 87 psi)             | 1.7 ms  |
| Min. closing time at 0.6 MPa (6 bar, 87 psi)             | 2.8 ms  |
| Operating medium   | Compressed air in accordance with ISO8573-1:2010 [7:::] |
| Corrosion resistance classification CRC                  | 2 - Moderate corrosion stress                           |
| PWIS conformity  | VDMA24364-B2-L  |
| Ambient temperature                                      | 5 ... 60 °C   |
| Spring return moment                                     | 1.5 Ncm   |
| Total gripping torque at 0.6 MPa (6 bar, 87 psi) opening | 76 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   | 45 g  |
| Mounting type  | Clamped   |
| Pneumatic connection                                     | M3  |
| Material cover cap                                       | POM   |
| Material housing   | High alloy steel, non-corrosive                         |
| Material gripper jaws                                    | High alloy steel  |