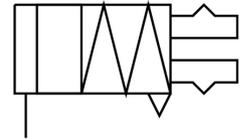


# Angled gripper HGWM-12-EZ-G7

Part number: 185703

FESTO



## Data sheet

| Feature                                       | Value   |
|---|---|
| Size  | 12  |
| Max. gripper jaw angular play ax, ay          | 0.5 deg                                       |
| Max. gripper jaw backlash Sz                  | 0.03 mm                                       |
| Max. opening angle                            | 14 deg  |
| Pneumatic gripper repetition accuracy         | ≤0.02 mm                                      |
| Type code                                     | HGWM  |
| Number of gripper jaws                        | 2   |
| Mode of operation                             | Single-acting<br>Closed                       |
| Gripper function                              | Angle   |
| Structural design                             | Inclined plane                                |
| Position sensing                              | None  |
| Symbol  | 00991898                                      |
| Operating pressure                            | 2 bar ... 8 bar                               |
| Max. operating frequency of pneumatic gripper | 4 Hz  |
| Min. opening time at 6 bar                    | 1.7 ms  |
| Min. closing time at 6 bar                    | 2.8 ms  |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                 |
| Ambient temperature                           | 5 °C ... 60 °C                                |
| Spring return torque                          | 0.015 Nm                                      |
| Total gripping torque at 6 bar, opening       | 76 Ncm  |
| Maximum force on gripper jaw Fz, static       | 20 N  |
| Maximum torque on gripper jaw, Mx static      | 0.4 Nm  |
| Maximum torque on gripper jaw, My static      | 0.4 Nm  |
| Maximum torque on gripper jaw, Mz static      | 0.4 Nm  |
| Product weight                                | 52 g  |
| Type of mounting                              | With lock nut                                 |
| Pneumatic connection                          | M3  |
| Note on materials                             | Free of copper and PTFE                       |
| Cover cap material                            | POM   |
| Housing material                              | High-alloy stainless steel                    |
| Gripper jaw material                          | High-alloy steel                              |