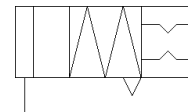
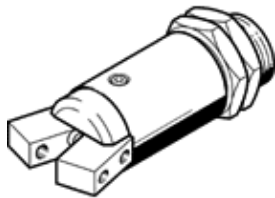


# angle gripper HGWM-12-EO-G7

Part number: 185700

FESTO

Micro, with male thread.



## 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	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
Operating 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 - Moderate corrosion stress
Ambient temperature	5 ... 60 °C
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	52 g
Mounting type	with lock nut
Pneumatic connection	M3
Materials note	Free of copper and PTFE
Material cover cap	POM
Material housing	High alloy steel, non-corrosive
Material gripper jaws	High alloy steel