


# Angled gripper HGWM-08-EO-G6

Part number: 185693

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Size	8
Max. gripper jaw angular play ax, ay	0.5 deg
Max. gripper jaw backlash Sz	0.03 mm
Max. opening angle	17 deg
Pneumatic gripper repetition accuracy	≤0.02 mm
Number of gripper jaws	2
Actuator system	Pneumatic
Mode of operation	Single-acting Open
Gripper function	Angle
Gripping force backup	Without
Structural design	Inclined plane
Position sensing	None
Symbol	00991897
Operating pressure	2 bar ... 8 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	2.7 ms
Min. closing time at 6 bar	1.2 ms
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	5 °C ... 60 °C
Stroke compensation spring force	4 N ... 6 N
Spring return torque	0.005 Nm
Total gripping torque at 6 bar, closing	22 Ncm
Maximum force on gripper jaw Fz, static	7 N
Maximum torque on gripper jaw, Mx static	0.2 Nm
Maximum torque on gripper jaw, My static	0.2 Nm
Maximum torque on gripper jaw, Mz static	0.2 Nm
Product weight	23 g
Type of mounting	With internal thread
Pneumatic connection	M3
Note on materials	RoHS-compliant
Cover cap material	POM
Housing material	High-alloy stainless steel

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Gripper jaw material	High-alloy steel