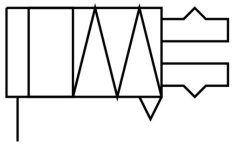
Angled gripper
HGWM-08-EZ-G8

Part number: 185698





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	14 deg
Pneumatic gripper repetition accuracy	≤0.02 mm
Type code	HGWM
Number of gripper jaws	2
Mode of operation	Single-acting Closed
Gripper function	Angle
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 ms
Min. closing time at 6 bar	2.5 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	0.006 Nm
Total gripping torque at 6 bar, opening	24 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	13 g
Type of mounting	Clamped
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