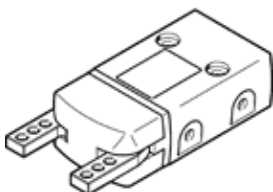


Angle gripper DHWS-10-A

Part number: 1310177

FESTO



Data sheet

Feature	values
Size	10
Max. replacement accuracy	$\leq 0.2 \text{ mm}$
Max. opening angle	40 deg
Rotationally symmetrical	$\leq 0.2 \text{ mm}$
Repetition accuracy, gripper	$\leq 0.04 \text{ mm}$
Number of gripper fingers	2
Assembly position	Any
Mode of operation	double-acting
Gripper function	Angle
Design structure	Lever
Position detection	For Hall sensors
Working pressure	2 ... 8 bar
Max. operating frequency of gripper	$\leq 4 \text{ Hz}$
Min. opening time at 6 bar	10 ms
Min. closing time at 6 bar	22 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1
Ambient temperature	5 ... 60 °C
Total gripping torque at 6 bar, opening	43 Ncm
Total gripping torque at 6 bar, closing	30 Ncm
Mass moment of inertia	0.03 kgcm ²
Max. force on gripper jaw Fz static	25 N
Max. torque at gripper Mx static	0.6 Nm
Max. torque at gripper My static	0.6 Nm
Max. torque at gripper Mz static	0.6 Nm
Product weight	40 g
Mounting type	Optional Internal thread and centering sleeve With through-hole and centering sleeve
Pneumatic connection	M3
Materials note	Conforms to RoHS
Materials information for cover cap	PA
Materials information, housing	Wrought Aluminum alloy Hard anodized
Materials information for gripper jaws	High alloy steel