

# Angle gripper DHC-10-A-S-NO

Part number: 8133476

FESTO



## Data sheet

Feature	Value
Size	10
Max. replacement accuracy	0.2 mm
Max. opening angle	30 deg
Rotationally symmetrical	0.2 mm
Repetition accuracy, gripper	0.1 mm
Number of gripper jaws	2
Drive system	Pneumatic
Mounting position	optional
Mode of operation	Single-acting Open
Gripper function	Angle
Gripper force back-up	During opening
Design	Connection direction at side Force pilot operated motion sequence
Position detection	Via proximity switch
Operating pressure	0.2 MPa...0.8 MPa 2 bar...8 bar 29 psi...116 psi
Max. operating frequency of gripper	3 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	6 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	12 ms
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-10 °C...60 °C
Total gripper torque, closing, 0.6 MPa (6 bar, 87 psi)	15.9 Ncm
Mass moment of inertia	0.039 kgcm <sup>2</sup>
Max. force on gripper jaw Fz static	40 N
Max. torque at gripper Mx static	0.4 Nm
Max. torque at gripper My static	0.5 Nm
Max. torque at gripper Mz static	0.5 Nm

Feature	Value
Product weight	53.5 g
Type of mounting	Direct mounting via through-hole Direct mounting via thread Via through-hole and dowel pin Via female thread and dowel pin Either:
Pneumatic connection	M3
Note on materials	RoHS-compliant
Material cover cap	Wrought aluminium alloy, anodised
Material housing	Anodised wrought aluminium alloy
Material gripper jaws	High-alloy steel