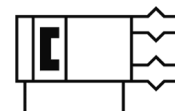


Angle gripper HGW-25-A

Part number: 161834

FESTO

Self-centring, can be used for internal and external gripping, 40° opening angle, with magnetic piston for proximity position sensing.
Products to be discontinued. Available until 2011.



Data sheet

Feature	Value
Size	25
Max. replacement accuracy	0.2 mm
Max. opening angle	40 deg
Repetition accuracy, gripper	≤ 0.04 mm
Number of gripper fingers	2
Mode of operation	double-acting
Gripper function	Angle
Design structure	Lever
Position detection	For proximity sensor
Operating pressure	2 ... 8 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 6 bar	50 ms
Min. closing time at 6 bar	40 ms
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	5 ... 60 °C
Total gripping torque at 6 bar, opening	360 Ncm
Total gripping torque at 6 bar, closing	320 Ncm
Max. force on gripper jaw Fz static	54 N
Max. torque at gripper Mx static	1.7 Nm
Max. torque at gripper My static	0.6 Nm
Max. torque at gripper Mz static	1.1 Nm
Product weight	250 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for cover cap	POM
Materials information, housing	Wrought Aluminium alloy Hard anodised
Materials information for gripper jaws	Tool steel Nickel plated