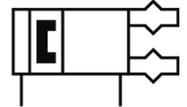


# Angle gripper HGW-32-A

Part number: 161835

FESTO

Self-centering, can be used as internal and external gripper, 40° opening angle. Magnetic piston for proximity position sensing. Type to be discontinued. Available until 2011.



## Data sheet

Feature	Value
Size	32
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
Working 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	680 Ncm
Total gripping torque at 6 bar, closing	600 Ncm
Max. force on gripper jaw Fz static	74 N
Max. torque at gripper Mx static	3 Nm
Max. torque at gripper My static	1 Nm
Max. torque at gripper Mz static	1.8 Nm
Product weight	420 g
Mounting type	with internal (female) thread
Pneumatic connection	G1/8
Materials note	Free of copper and PTFE
Materials information for cover cap	POM
Materials information, housing	Wrought Aluminum alloy Hard anodized
Materials information for gripper jaws	Tool steel Nickel plated