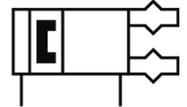


# Angle gripper HGW-16-A

Part number: 161833

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	16
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	25 ms
Min. closing time at 6 bar	30 ms
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	5 ... 60 °C
Total gripping torque at 6 bar, opening	120 Ncm
Total gripping torque at 6 bar, closing	106 Ncm
Max. force on gripper jaw Fz static	31 N
Max. torque at gripper Mx static	0.9 Nm
Max. torque at gripper My static	0.3 Nm
Max. torque at gripper Mz static	0.5 Nm
Product weight	100 g
Mounting type	with internal (female) thread
Pneumatic connection	M3
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