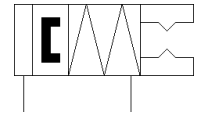
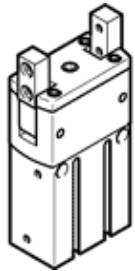


radial gripper HGRT-16-A-G2

Part number: 563905

FESTO

With gripping force backup when closing...-G2.



Data sheet

Feature	Value
Size	16
Max. replacement accuracy	≤ 0.2 mm
Max. angular gripper jaw backlash ax,ay	≤ 0.1 deg
Max. opening angle	180 deg
Rotationally symmetrical	≤ 0.2 mm
Repetition accuracy, gripper	≤ 0.02 mm
Number of gripper fingers	2
Assembly position	Any
Mode of operation	double-acting
Gripper function	radial
Design structure	guided motion sequence
Position detection	For proximity sensor For inductive sensors
Operating pressure	4 ... 8 bar
Max. operating frequency of gripper	≤ 3 Hz
Min. opening time at 6 bar	233 ms
Min. closing time at 6 bar	185 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 - Low corrosion stress
Ambient temperature	5 ... 60 °C
Mass moment of inertia	0.21 kgcm ²
Max. force on gripper jaw Fz static	50 N
Max. torque at gripper My static	3.9 Nm
Max. torque at gripper Mz static	0.3 Nm
Lubrication interval for guide components	10 Mio SP
Product weight	150 g
Mounting type	Internal thread and centring sleeve
Pneumatic connection	M3
Materials note	Free of copper and PTFE Conforms to RoHS
Material housing	Aluminium Smooth anodised
Material gripper jaws	Steel Hardened