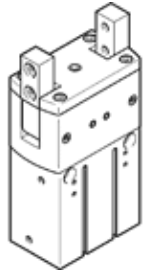


Radial gripper HGRT-32-A-G2

Part number: 563911

FESTO

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



Data sheet

Feature	values
Size	32
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
Working pressure	4 ... 8 bar
Max. operating frequency of gripper	≤ 3 Hz
Min. opening time at 6 bar	503 ms
Min. closing time at 6 bar	337 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	2
Ambient temperature	5 ... 60 °C
Mass moment of inertia	5.03 kgcm ²
Max. force on gripper jaw Fz static	280 N
Max. torque at gripper My static	13.5 Nm
Max. torque at gripper Mz static	1.3 Nm
Lubrication interval for guide components	10 Mio SP
Product weight	940 g
Mounting type	Internal thread and centering sleeve
Pneumatic connection	M5
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information, housing	Aluminum Smooth anodized
Materials information for gripper jaws	Steel Hardened