

Radial gripper DHRS-40-A-NC

Part number: 1310167

FESTO



Data sheet

Feature	Value
Size	40
Max. interchangeability	0.2 mm
Max. opening angle	180 deg
Rotational symmetry	0.2 mm
Pneumatic gripper repetition accuracy	0.1 mm
Number of gripper jaws	2
Mounting position	Any
Mode of operation	Double-acting
Gripper function	Radial
Gripping force backup	During closing
Structural design	Positively driven motion sequence
Position sensing	Via proximity switch
Operating pressure	4 bar...8 bar
Max. operating frequency of pneumatic gripper	2 Hz
Min. opening time at 6 bar	151 ms
Min. closing time at 6 bar	110 ms
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Metals with more than 5% by mass of copper are excluded from use. This excludes printed circuit boards, cables, electrical connectors and coils.
Ambient temperature	5 °C...60 °C
Mass moment of inertia	4.24 kgcm ²
Maximum force on gripper jaw Fz, static	200 N
Maximum torque on gripper jaw, Mx static	14 Nm
Maximum torque on gripper jaw, My static	14 Nm
Maximum torque on gripper jaw, Mz static	14 Nm
Product weight	844 g
Type of mounting	Alternatively: With internal thread and centering sleeve

Feature	Value
	Via through-hole and centering sleeve
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Cover cap material	PA
Housing material	Wrought aluminum alloy, hard-anodized
Gripper jaw material	High-alloy steel