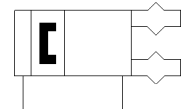
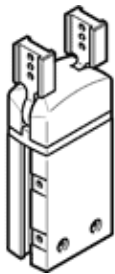


# Radial gripper DHRS-16-A

Part number: 1310160

FESTO



## Data sheet

Feature	Value
Size	16
Max. replacement accuracy	<= 0.2 mm
Max. opening angle	180 deg
Rotationally symmetrical	<= 0.2 mm
Repetition accuracy, gripper	<= 0.1 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
Working pressure	2 ... 8 bar
Max. operating frequency of gripper	<= 4 Hz
Min. opening time at 6 bar	61 ms
Min. closing time at 6 bar	63 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
Total gripping torque at 6 bar, opening	62 Ncm
Total gripping torque at 6 bar, closing	55 Ncm
Mass moment of inertia	0.14 kgcm <sup>2</sup>
Max. force on gripper jaw Fz static	40 N
Max. torque at gripper Mx static	1.3 Nm
Max. torque at gripper My static	1.3 Nm
Max. torque at gripper Mz static	1.3 Nm
Product weight	114 g
Mounting type	Optional Internal thread and centering sleeve With through-hole and centering sleeve
Pneumatic connection	M3
Materials note	Conforms to RoHS
Material cover cap	PA
Material housing	Wrought Aluminum alloy Hard anodized
Material gripper jaws	High alloy steel