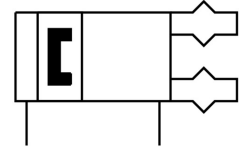


Radial gripper DHRS-32-A

Part number: 1310164

FESTO



Data sheet

Feature	Value
Size	32
Max. replacement accuracy	≤0.2 mm
Max. opening angle	180 deg
Rotationally symmetrical	≤0.2 mm
Repetition accuracy, gripper	≤0.1 mm
Short type code	DHRS
Number of gripper jaws	2
Mounting position	optional
Mode of operation	Double-acting
Gripper function	Radial
Design	Force pilot operated motion sequence
Position detection	Via proximity switch
Symbol	00991894
Operating pressure	2 bar ... 8 bar
Max. operating frequency of gripper	≤3 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	111 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	119 ms
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
Ambient temperature	5 °C ... 60 °C
Total gripper torque, opening, 0.6 MPa (6 bar, 87 psi)	423 Ncm
Total gripper torque, closing, 0.6 MPa (6 bar, 87 psi)	390 Ncm
Mass moment of inertia	1.66 kgcm ²
Max. force on gripper jaw Fz static	120 N
Max. torque at gripper Mx static	6.2 Nm
Max. torque at gripper My static	6.2 Nm
Max. torque at gripper Mz static	6.2 Nm
Product weight	480 g
Type of mounting	Either: Via female thread and centring sleeve Via through-hole and centring sleeve
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material cover cap	PA

Feature	Value
Material housing	Wrought aluminium alloy Hard anodised
Material gripper jaws	High-alloy steel