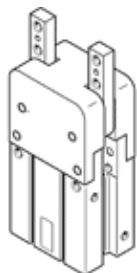


radial gripper

DHRC-32-A

Part number: 8128107

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
Number of gripper fingers	2
Drive system	pneumatic
Assembly position	Any
Mode of operation	double-acting
Gripper function	radial
Gripper force back-up	No
Design structure	Connection direction on the side guided motion sequence
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 0.8 MPa
Operating pressure	1 ... 8 bar 14.5 ... 116 psi
Max. operating frequency of gripper	≤ 2 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	117 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	129 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	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-10 ... 60 °C
Total gripping torque at 0.6 MPa (6 bar, 87 psi) opening	725.6 Ncm
Total gripping torque at 0.6 MPa (6 bar, 87 psi) closing	600.1 Ncm
Mass moment of inertia	3.105 kgcm ²
Max. force on gripper jaw Fz static	210 N
Max. torque at gripper Mx static	12 Nm
Max. torque at gripper My static	8 Nm
Max. torque at gripper Mz static	12 Nm
Product weight	716.5 g
Mounting type	Direct mounting via through-holes Direct mounting via threads With through-hole and dowel pin With internal thread and dowel pin Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover cap	Anodised wrought aluminium alloy
Material housing	Anodised wrought aluminium alloy
Material gripper jaws	High alloy steel