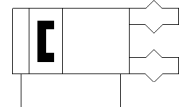
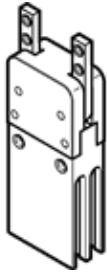


Radial gripper DHRC-6-A

Part number: 8125285

FESTO



Data sheet

Feature	Value
Size	6
Max. replacement accuracy	≤ 0.2 mm
Max. opening angle	180 deg
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 at side guided motion sequence
Position detection	For proximity sensor
Operating pressure MPa	0.25 ... 0.8 MPa
Working pressure	2.5 ... 8 bar
Operating pressure	36.25 ... 116 psi
Max. operating frequency of gripper	≤ 3 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	10 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	19 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	6.7 Ncm
Total gripping torque at 0.6 MPa (6 bar, 87 psi) closing	4.8 Ncm
Mass moment of inertia	0.01 kgcm ²
Max. force on gripper jaw Fz static	12 N
Max. torque at gripper Mx static	0.3 Nm
Max. torque at gripper My static	0.3 Nm
Max. torque at gripper Mz static	0.3 Nm
Product weight	24.5 g
Mounting type	Direct mounting via through-holes Direct mounting via threads Optional
Pneumatic connection	M3
Materials note	Conforms to RoHS
Material cover cap	Anodised wrought aluminium alloy
Material housing	Anodised wrought aluminium alloy
Material gripper jaws	High alloy steel