Bellow gripper
DHEB-41-E-U-E-P

Part number: 1320839



Data sheet

Feature	Value
Size	41
Stroke of bellows	15.5 mm
Min. ø to be gripped	42 mm
Max. ø to be gripped	54 mm
Mounting position	optional
Mode of operation	Single-acting Closed
Gripper function	Adaptive
Design	Contracting diaphragm Force pilot operated motion sequence
Guide	Basic guide
Position detection	Via proximity switch
Operating pressure	4 bar...8 bar
Reset pressure	1 bar
Max. operating frequency of gripper	4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	30 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	70 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	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	5 °C...60 °C
Average replacement interval for the bellows	0.5 MioCyc
Guide value for effective load	1.2 kg
Product weight	300 g
Type of mounting	Either: Via male thread Via lock nut
Pneumatic connection	M5
Note on materials	RoHS-compliant
Material bellows	EPDM

Feature	Value
Material housing	Aluminium Anodised