Bellow gripper
DHEB-33-E-U-S-L

Part number: 1320805

Data sheet

Feature	Value
Size	33
Stroke of bellows	14.5 mm
Min. ø to be gripped	34 mm
Max. ø to be gripped	45 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)	60 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
Suitable for use with food	See supplementary material information
Ambient temperature	5 °C...60 °C
Average replacement interval for the bellows	1 MioCyc
Guide value for effective load	0.7 kg
Product weight	130 g
Type of mounting	Either: Via male thread Via lock nut
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material bellows	VMQ (silicone)

Feature	Value
Material housing	Aluminium Anodised