Bellows gripper
DHEB-8-E-U-E-L

Part number: 1320809



Data sheet

Feature	Value
Size	8
Stroke of bellows	3.5 mm
Min. diameter to be gripped	8 mm
Max. diameter to be gripped	11 mm
Mounting position	Any
Mode of operation	Single-acting Closed
Gripper function	Adaptive
Structural design	Contracting diaphragm Positively driven motion sequence
Guide	Basic guide
Position sensing	None
Operating pressure	5 bar...8 bar
Resetting pressure	1 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	10 ms
Min. closing time at 6 bar	30 ms
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
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 payload	0.08 kg
Product weight	16 g
Type of mounting	Alternatively: With external thread With locknut
Pneumatic connection	M5
Note on materials	RoHS compliant
Bellows material	EPDM
Housing material	Aluminum Anodized