Bellows gripper
DHEB-27-E-U-E-P

Part number: 1320837



Data sheet

Feature	Value
Size	27
Stroke of bellows	12 mm
Min. diameter to be gripped	28 mm
Max. diameter to be gripped	37 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	Via proximity switch
Operating pressure	4 bar...8 bar
Resetting pressure	1 bar
Max. operating frequency of pneumatic gripper	4 Hz
Min. opening time at 6 bar	30 ms
Min. closing time at 6 bar	60 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	0.45 kg
Product weight	100 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