Bellows gripper
DHEB-51-E-D-S-P

Part number: 1320785



Data sheet

Feature	Value
Size	51
Stroke of bellows	18 mm
Min. diameter to be gripped	54 mm
Max. diameter to be gripped	68 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	70 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
For use in the food industry	See supplementary material information
Ambient temperature	5 °C...60 °C
Average replacement interval for the bellows	1 MioCyc
Guide value for payload	2.5 kg
Product weight	490 g
Type of mounting	Alternatively: With external thread With locknut
Pneumatic connection	G1/8
Note on materials	RoHS compliant
Bellows material	VMQ (silicone)
Housing material	Aluminum

Feature	Value
	Anodized