

Bellows gripper DHEB-51-E-U-E-P

Part number: 1320840

FESTO



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
Type code	DHEB
Mounting position	Any
Mode of operation	Single-acting Closed
Structural design	Contracting diaphragm Positively driven motion sequence
Guide	Basic guide
Position sensing	For proximity sensor
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
Ambient temperature	5 °C ... 60 °C
Average replacement interval for the bellows	0.5 MioCyc
Guide value for payload	2.5 kg
Product weight	500 g
Type of mounting	Optionally: With external thread With lock nut
Pneumatic connection	G1/8
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Bellows material	EPDM
Housing material	Aluminum Anodized