

# Bellows gripper DHEB-8-E-U-S-P

Part number: 1320820

FESTO



 General operating condition

## 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
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	0.08 kg
Product weight	16 g
Type of mounting	Optionally: With external thread With lock nut
Pneumatic connection	M3
Note on materials	RoHS-compliant
Bellows material	VMQ (silicone)
Housing material	Aluminum Anodized