

bellows gripper DHEB-12-E-U-S-L

Part number: 1320800

FESTO



Data sheet

Feature	Value
Size	12
Stroke of the bellows	5.5 mm
Min. diameter to be gripped	13 mm
Max. diameter to be gripped	17 mm
Assembly position	Any
Mode of operation	single-acting closed
Gripper function	Adaptive
Design structure	Contractible membrane guided motion sequence
Guide	Basic guide
Position detection	No
Operating pressure	5 ... 8 bar
Resetting pressure	< 1 bar
Max. operating frequency of gripper	≤ 4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	20 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	40 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364 zone III
Food-safe	See Supplementary material information
Ambient temperature	5 ... 60 °C
Average replacement interval for the bellows	1 Mio SP
Effective load reference value	0.12 kg
Product weight	18 g
Mounting type	with external (male) thread with lock nut Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material bellows	VMQ (silicon)
Material housing	Aluminium Anodised