

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

Part number: 1320829

FESTO



Data sheet

Feature	Value
Size	51
Stroke of the bellows	18 mm
Min. diameter to be gripped	54 mm
Max. diameter to be gripped	68 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	For proximity sensor
Working pressure	4 ... 8 bar
Resetting pressure	< 1 bar
Max. operating frequency of gripper	≤ 4 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	30 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	70 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	2.5 kg
Product weight	500 g
Mounting type	with external (male) thread with lock nut Optional
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material bellows	VMQ (silicon)
Material housing	Aluminum Anodized