

bellows gripper DHEB-27-E-D-S-L

Part number: 1320760

FESTO



Data sheet

Feature	Value
Size	27
Stroke of the bellows	12 mm
Min. diameter to be gripped	28 mm
Max. diameter to be gripped	37 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
Operating 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)	60 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	0.45 kg
Product weight	79 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