

Suction cup complete ESS-10-BS

Part number: 189376

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Height compensator for suction cup	4 mm
Min. workpiece radius	20 mm
Nominal size	2 mm
Suction cup diameter	10 mm
Suction cup volume	0.38 cm ³
Position of connection	Top
Mounting position	optional
Symbol	00991485
Correlation to suction-cup holder	Size 3
Suction cup shape	Round bellows 1.5 convolutions
Operating pressure	-0.095 MPa ... 0 MPa
Operating pressure	-0.95 bar ... 0 bar
Operating pressure	-13.775 psi ... 0 psi
Nominal operating pressure	-0.07 MPa
Nominal operating pressure	-0.7 bar
Nominal operating pressure	-10.15 psi
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Ambient temperature	-30 °C ... 180 °C
Holding force at nominal operating pressure	4.7 N
Lateral force at nominal operating pressure	2.5 N
Product weight	1.8 g
Type of mounting	Via vacuum port
Vacuum connection	M4
Colour	Transparent
Shore hardness	50 +/- 5
Material screwed plug	Nickel-plated brass
Note on materials	RoHS-compliant
Material suction cup	VMQ (silicone)