

Vacuum suction cup

ESS-10-CS

Part number: 189399

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Suction cup height compensation	3.3 mm
Min. workpiece radius	25 mm
Nominal width	2 mm
Suction cup diameter	10 mm
Suction cup volume	0.29 cm ³
Connection position	Top
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 3
Suction cup shape	Round bellows, 3.5 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
For use in the food industry	See supplementary material information
Ambient temperature	-30 °C ... 180 °C
Holding force at nominal operating pressure	3.9 N
Lateral force at nominal operating pressure	1 N
Product weight	1.6 g
Type of mounting	Via vacuum connection
Vacuum connection	M4
Color	Transparent
Shore hardness	50 +/- 5
Material of screwed plug	Brass, nickel-plated
Note on materials	RoHS-compliant

Feature	Value
Suction cup material	VMQ (silicone)