

# Vacuum suction cup ESS-8X20-ON

Part number: 189412

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Nominal width	2.5 mm
Vacuum cup size	8x20 mm
Suction cup volume	0.256 cm <sup>3</sup>
Connection position	Top
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 4
Suction cup shape	Oval, flat
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-A1-L
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C ... 70 °C
Holding force at nominal operating pressure	8 N
Horizontal lateral force at nominal operating pressure	11 N
Vertical lateral force at nominal operating pressure	13 N
Product weight	2.5 g
Type of mounting	Via vacuum connection
Vacuum connection	M6
Color	Black
Shore hardness	50 +/- 5
Note on materials	RoHS-compliant
Suction cup material	NBR