

# Vacuum suction cup ESS-8-SS

FESTO

Part number: 189281



 [General operating condition](#)

## Data sheet

Feature	Value
Min. workpiece radius	20 mm
Nominal width	2 mm
Suction cup diameter	8 mm
Suction cup volume	0.03 cm <sup>3</sup>
Ejector pulse suitability	≤4 bar
Connection position	Top
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 2
Suction cup shape	Round, 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 zone III
For use in the food industry	See supplementary material information
Ambient temperature	-30 °C ... 180 °C
Holding force at nominal operating pressure	2.3 N
Lateral force at nominal operating pressure	3.5 N
Product weight	0.2 g
Type of mounting	Via vacuum connection
Vacuum connection	Inside diameter 4 mm
Color	Transparent
Shore hardness	50 +/- 5
Material of screwed plug	Brass, nickel-plated
Note on materials	RoHS-compliant
Suction cup material	VMQ (silicone)