

# Vacuum suction cup ESS-10-CS

Part number: 189399

FESTO



## 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 <sup>3</sup>
Connection position	Top
Mounting position	Any
Classification of suction cup holder	Size 3
Suction cup shape	Round bellows, 3.5 convolutions
Operating pressure	-95 kPa...0 kPa -0.95 bar...0 bar -13.775 psi...0 psi
Nominal operating pressure	-70 kPa -0.7 bar -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
Suction cup material	VMQ (silicone)