

# Vacuum suction cup ESS-40-CN

Part number: 189404

**FESTO**



## Data sheet

Feature	Value
Suction cup height compensation	12.8 mm
Min. workpiece radius	100 mm
Nominal width	3 mm
Suction cup diameter	40 mm
Suction cup volume	19.72 cm <sup>3</sup>
Connection position	Top
Mounting position	Any
Classification of suction cup holder	Size 4
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-A1-L
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C...70 °C
Holding force at nominal operating pressure	42.4 N
Lateral force at nominal operating pressure	47.5 N
Product weight	21.9 g
Type of mounting	Via vacuum connection
Vacuum connection	M6
Color	Black
Shore hardness	50 +/- 5
Material of screwed plug	Wrought aluminum alloy, nickel-plated Brass, nickel-plated Steel, galvanized and chrome-plated
Note on materials	RoHS-compliant

Feature	Value
Suction cup material	NBR