

# Vacuum suction cup ESS-20-BN

Part number: 189378

FESTO



## Data sheet

Feature	Value
Suction cup height compensation	6 mm
Min. workpiece radius	40 mm
Nominal width	3 mm
Suction cup diameter	20 mm
Suction cup volume	1.6 cm <sup>3</sup>
Type code	ESS
Connection position	Top
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 4
Suction cup shape	Round bellows, 1.5 convolutions
Operating pressure	0 bar ... 0.95 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:::]
Corrosion resistance class (CRC)	1 - Low corrosion stress
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C ... 70 °C
Holding force at nominal operating pressure	12.9 N
Lateral force at nominal operating pressure	9.5 N
Product weight	6.7 g
Type of mounting	Via vacuum connection
Vacuum connection	M6
Color	Black
Shore hardness	50 +/- 5
Material of screwed trunnion	Brass, nickel-plated Steel, galvanized and chrome-plated
Note on materials	Free of copper and PTFE RoHS-compliant
Suction cup material	NBR