

# suction cup ESS-20-BN

Part number: 189378

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Suction cup height compensator	6 mm
Min. workpiece radius	40 mm
Nominal size	3 mm
suction cup diameter	20 mm
suction cup volume	1.6 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Round, bellows 1.5 conv
Operating pressure	0 ... 0.95 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Corrosion resistance classification CRC	1 - Low corrosion stress
Food-safe	See Supplementary material information
Ambient temperature	-10 ... 70 °C
Retention force at nominal operating pressure	12.9 N
Lateral force at nominal operating pressure	9.5 N
Product weight	6.7 g
Mounting type	Via vacuum port
Vacuum connection	M6
Colour	Black
Shore hardness	50 +/- 5
Material of threaded plug	Nickel-plated brass Galvanised and chrome-plated steel
Materials note	Free of copper and PTFE Conforms to RoHS
Material suction cup	NBR