

# Suction cup with connection ESS-80-BN

Part number: 189394

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Height compensator for suction cup	10 mm
Min. workpiece radius	430 mm
Nominal size	6 mm
Suction cup diameter	80 mm
Suction cup volume	63.9 cm <sup>3</sup>
Position of connection	On top
Mounting position	Any
Symbol	00991485
Correlation to suction-cup holder	Size 5
Suction cup shape	Round protective bellows 1.5-fold
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-A1-L
Suitable for use with food	See supplementary material information
Ambient temperature	-10 °C ... 70 °C
Holding force at nominal operating pressure	213.6 N
Lateral force at nominal operating pressure	199.5 N
Product weight	139 g
Type of mounting	Via vacuum port
Vacuum connection	M10
Colour	Black
Shore hardness	50 +/-5
Material screwed plug	POM Nickel-plated steel Steel, galvanised and chrome-plated

Feature	Value
Note on materials	RoHS compliant
Material suction cup	NBR