

# Vacuum suction cup ESS-15X45-ON

Part number: 189415

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Nominal width	6 mm
Vacuum cup size	15x45 mm
Suction cup volume	1.57 cm <sup>3</sup>
Connection position	up
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 5
Suction cup shape	Oval, flat
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
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C ... 70 °C
Holding force at nominal operating pressure	32 N
Horizontal lateral force at nominal operating pressure	43 N
Vertical lateral force at nominal operating pressure	35 N
Product weight	23.8 g
Type of mounting	Via vacuum connection
Vacuum connection	M10
Color	Black
Shore hardness	50 +/-5
Note on materials	RoHS compliant
Suction cup material	NBR