

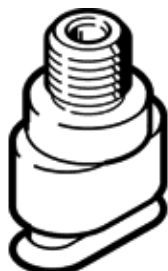
# Suction cup complete

## ESS-6X20-ON

Part number: 189411

FESTO

easily interchangeable,



### Data sheet

Feature	Value
Nominal size	2.5 mm
suction cup size	6x20 mm
suction cup volume	0.196 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Oval, flat
Operating pressure MPa	-95 ... 0 kPa
Working pressure	-0.95 ... 0 bar
Operating pressure	-13.775 ... 0 psi
Nominal operating pressure	-70 kPa
Nominal working pressure	-0.7 bar
Nominal operating pressure (psi)	-10.15 psi
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-A1-L
Food-safe	See Supplementary material information
Ambient temperature	-10 ... 70 °C
Retention force at nominal operating pressure	5.9 N
Horizontal lateral force at nominal operating pressure	9 N
Vertical lateral force at nominal operating pressure	12.5 N
Product weight	2.5 g
Mounting type	Via vacuum port
Vacuum connection	M6
Color	Black
Shore hardness	50 +/- 5
Materials note	Conforms to RoHS
Material suction cup	NBR