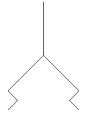


# suction cup ESS-50-EU

Part number: 189351

FESTO

easily interchangeable,



## Data sheet

Feature	values
Min. workpiece radius	100 mm
Nominal size	3 mm
suction cup diameter	50 mm
suction cup volume	7.9 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Round, extra deep
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	-20 ... 60 °C
Retention force at nominal operating pressure	103.6 N
Lateral force at nominal operating pressure	62 N
Product weight	23.4 g
Mounting type	Via vacuum port
Vacuum connection	M6
Colour	blue
Shore hardness	60 +/- 5
Materials information for screw-in stud	Wrought aluminium alloy, nickel-plated Nickel-plated brass Galvanised and chrome-plated steel
Materials note	Free of copper and PTFE Contains PWIS substances Conforms to RoHS
Materials information for suction cup	PUR