

# suction cup ESS-50-SF

Part number: 189312

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Min. workpiece radius	330 mm
Nominal size	3 mm
suction cup diameter	50 mm
suction cup volume	2.387 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	round flat
Operating pressure MPa	-95 ... 0 kPa
Operating pressure	-0.95 ... 0 bar -13.775 ... 0 psi
Nominal operating pressure	-70 kPa -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 ... 200 °C
Retention force at nominal operating pressure	105.8 N
Lateral force at nominal operating pressure	69.5 N
Product weight	22 g
Mounting type	Via vacuum port
Vacuum connection	M6
Colour	Grey
Shore hardness	60 +/- 5
Material of threaded plug	Wrought aluminium alloy, nickel-plated Nickel-plated brass Galvanised and chrome-plated steel
Materials note	Conforms to RoHS
Material suction cup	FPM