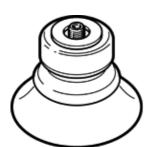
## suction cup ESS-40-BS Part number: 189388

**FESTO** 

easily interchangeable,





## **Data sheet**

Feature	Value
Suction cup height compensator	9.5 mm
Min. workpiece radius	90 mm
Nominal size	3 mm
suction cup diameter	40 mm
suction cup volume	8.87 cm3
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Round, bellows 1.5 conv
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 zone III
Food-safe	See Supplementary material information
Ambient temperature	-30 180 °C
Retention force at nominal operating pressure	52.3 N
Lateral force at nominal operating pressure	32.5 N
Product weight	18.7 g
Mounting type	Via vacuum port
Vacuum connection	M6
Colour	transparent
Shore hardness	50 +/- 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	VMQ (silicon)