

# suction cup ESS-100-SU

Part number: 189323

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Min. workpiece radius	460 mm
Nominal size	6 mm
suction cup diameter	100 mm
suction cup volume	29.779 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 5
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 zone III
Food-safe	See Supplementary material information
Ambient temperature	-20 ... 60 °C
Retention force at nominal operating pressure	503.6 N
Lateral force at nominal operating pressure	482.5 N
Product weight	222 g
Mounting type	Via vacuum port
Vacuum connection	M10
Colour	blue
Shore hardness	60 +/- 5
Material of threaded plug	Steel, nickel-plated POM Galvanised and chrome-plated steel
Materials note	Conforms to RoHS
Material suction cup	PUR