

suction cup ESS-30-SS

Part number: 189301

FESTO

easily interchangeable,



Data sheet

Feature	Value
Min. workpiece radius	110 mm
Nominal size	3 mm
suction cup diameter	30 mm
suction cup volume	0.867 cm ³
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 zone III
Food-safe	See Supplementary material information
Ambient temperature	-30 ... 180 °C
Retention force at nominal operating pressure	40.8 N
Lateral force at nominal operating pressure	23.5 N
Product weight	9 g
Mounting type	Via vacuum port
Vacuum connection	M6
Colour	transparent
Shore hardness	50 +/- 5
Material of threaded plug	Nickel-plated brass Galvanised and chrome-plated steel
Materials note	Conforms to RoHS
Material suction cup	VMQ (silicon)