## suction cup ESS-50-ES Part number: 189352

easily interchangeable,



## Data sheet

Feature	Value
Min. workpiece radius	100 mm
Nominal size	3 mm
suction cup diameter	50 mm
suction cup volume	7.9 cm3
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Round, extra deep
Operating pressure MPa	-95 0 kPa
n. workpiece radius minal size tion cup diameter tion cup volume sition of connection sembly position rrelation to suction-cup holder ction cup shape erating pressure MPa erating pressure MPa erating pressure minal operating pressure minal operating pressure minal operating pressure (psi) erating medium rrosion resistance classification CRC //S conformity od-safe bient temperature tention force at nominal operating pressure eral force at nominal operating pressure duct weight punting type cuum connection lour ore hardness terial of threaded plug	-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	103.6 N
Lateral force at nominal operating pressure	42.5 N
Product weight	23.4 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)



