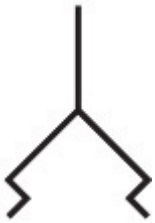
Suction cup complete
ESS-20-ES

Part number: 189340



General operating condition

Data sheet

Feature	Value
Min. workpiece radius	30 mm
Nominal size	3 mm
Suction cup diameter	20 mm
Suction cup volume	0.84 cm³
Position of connection	Top
Mounting position	optional
Symbol	00991485
Correlation to suction-cup holder	Size 4
Suction cup shape	Round extra deep
Operating pressure	-0.095 MPa ... 0 MPa
Operating pressure	-0.95 bar ... 0 bar
Operating pressure	-13.775 psi ... 0 psi
Nominal operating pressure	-0.07 MPa
Nominal operating pressure	-0.7 bar
Nominal operating pressure	-10.15 psi
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Ambient temperature	-30 °C ... 180 °C
Holding force at nominal operating pressure	17 N
Lateral force at nominal operating pressure	13 N
Product weight	6.4 g
Type of mounting	Via vacuum port
Vacuum connection	M6
Colour	Transparent
Shore hardness	50 +/- 5
Material screwed plug	Nickel-plated brass Steel, galvanised and chrome-plated
Note on materials	RoHS-compliant
Material suction cup	VMQ (silicone)