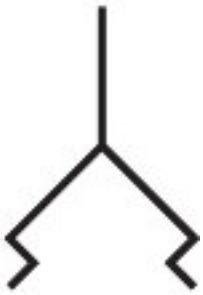
Vacuum suction cup
ESS-50-SS

Part number: 189311





Data sheet

Feature	Value
Min. workpiece radius	330 mm
Nominal width	3 mm
Suction cup diameter	50 mm
Suction cup volume	2.387 cm³
Connection position	up
Mounting position	Any
Classification of suction cup holder	Size 4
Suction cup shape	Round, flat
Operating pressure	-95 kPa...0 kPa -0.95 bar...0 bar -13.775 psi...0 psi
Nominal operating pressure	-70 kPa -0.7 bar -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
For use in the food industry	See supplementary material information
Ambient temperature	-30 °C...180 °C
Holding force at nominal operating pressure	105.8 N
Lateral force at nominal operating pressure	84 N
Product weight	22 g
Type of mounting	Via vacuum connection
Vacuum connection	M6
Color	Transparent
Shore hardness	50 +/-5
Material of screwed plug	Wrought aluminum alloy, nickel-plated Brass, nickel-plated Steel, galvanized and chrome-plated

Feature	Value
Note on materials	RoHS compliant
Suction cup material	VMQ (silicone)