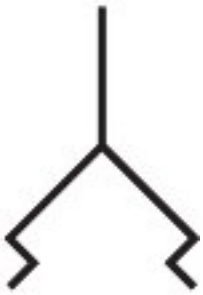
Vacuum suction cup
ESS-80-BS

Part number: 189396





Data sheet

Feature	Value
Suction cup height compensation	10 mm
Min. workpiece radius	430 mm
Nominal width	6 mm
Suction cup diameter	80 mm
Suction cup volume	63.9 cm³
Connection position	up
Mounting position	Any
Classification of suction cup holder	Size 5
Suction cup shape	round protective bellows 1.5-fold
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	213.6 N
Lateral force at nominal operating pressure	93 N
Product weight	139 g
Type of mounting	Via vacuum connection
Vacuum connection	M10
Color	Transparent
Shore hardness	50 +/-5
Material of screwed plug	POM Steel, nickel-plated

Feature	Value
	Steel, galvanized and chrome-plated
Note on materials	RoHS compliant
Suction cup material	VMQ (silicone)