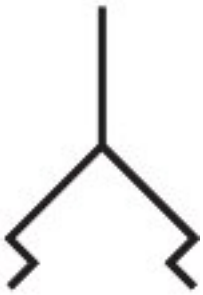
Vacuum suction cup
ESS-80-SF

Part number: 189321





Data sheet

Feature	Value
Min. workpiece radius	400 mm
Nominal width	6 mm
Suction cup diameter	80 mm
Suction cup volume	19.312 cm³
Connection position	up
Mounting position	Any
Classification of suction cup holder	Size 5
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-A1-L
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C...200 °C
Holding force at nominal operating pressure	309.7 N
Lateral force at nominal operating pressure	139.5 N
Product weight	133 g
Type of mounting	Via vacuum connection
Vacuum connection	M10
Color	Gray
Shore hardness	60 +/-5
Material of screwed plug	POM Steel, nickel-plated Steel, galvanized and chrome-plated

Feature	Value
Note on materials	RoHS compliant
Suction cup material	FPM