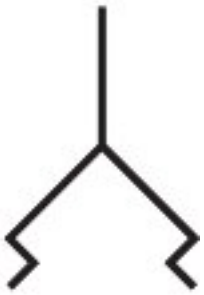
Vacuum suction cup
ESS-80-BT-G1/4

Part number: 525999





Data sheet

Feature	Value
Suction cup holder height compensator	10.5 mm
Min. workpiece radius	100 mm
Nominal width	2.5 mm
Suction cup diameter	80 mm
Suction cup volume	59.1 cm³
Mounting position	Any
Suction cup shape	round protective bellows 1.5-fold
Operating pressure	-0.95 bar...0 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:-:-]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-A1-L
Ambient temperature	-10 °C...80 °C
Holding force at nominal operating pressure	237 N
Lateral force at nominal operating pressure	102 N
Product weight	85.5 g
Type of mounting	Via vacuum connection
Vacuum connection	G1/4
Color	Reddish brown
Shore hardness	72 +/-5
Material of screwed plug	Wrought aluminum alloy
Note on materials	RoHS compliant
Suction cup material	VULKOLLAN