

# Vacuum suction cup ESS-80-BT-M10

Part number: 525997

FESTO



[PDF](#) General operating condition

## 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 cm <sup>3</sup>
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 5
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	84.5 g
Type of mounting	Via vacuum connection
Vacuum connection	M10
Color	Reddish brown
Shore hardness	72 +/-5
Material of screwed plug	Wrought aluminum alloy
Note on materials	RoHS compliant
Suction cup material	VULKOLLAN