

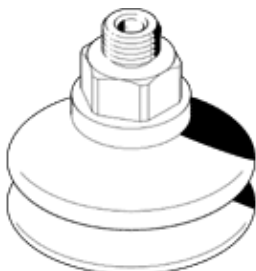
# Suction cup complete

## ESS-80-BT-G1/4

Part number: 525999

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Height compensator for suction-cup holder	10.5 mm
Min. workpiece radius	100 mm
Nominal size	2.5 mm
suction cup diameter	80 mm
suction cup volume	59.1 cm <sup>3</sup>
Assembly position	Any
Suction cup shape	Round, bellows 1.5 conv
Working pressure	-0.95 ... 0 bar
Nominal working pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:::]
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-A1-L
Ambient temperature	-10 ... 80 °C
Retention force at nominal operating pressure	237 N
Lateral force at nominal operating pressure	102 N
Product weight	85.5 g
Mounting type	Via vacuum port
Vacuum connection	G1/4
Color	red/brown
Shore hardness	72 +/- 5
Material of threaded plug	Wrought Aluminum alloy
Materials note	Conforms to RoHS
Material suction cup	Vulkollan®