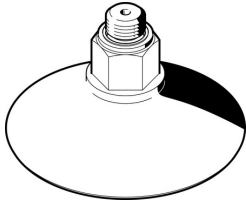


Vacuum suction cup ESS-80-GT-G1/4

Part number: 525985

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Suction cup holder height compensator	7.5 mm
Min. workpiece radius	100 mm
Nominal width	5.5 mm
Suction cup diameter	80 mm
Suction cup volume	28.6 cm ³
Mounting position	Any
Structural design	Round, bell-shaped
Symbol	00991485
Suction cup shape	Round, deep
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
Breakaway force at 70% vacuum	245 N
Holding force at nominal operating pressure	245 N
Max. tightening torque for mounting thread	11 Nm
Lateral force at nominal operating pressure	99 N
Product weight	60 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®