

# Suction cup with connection ESS-100-GT-G1/4

Part number: 525988

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Height compensator for suction-cup holder	9 mm
Min. workpiece radius	135 mm
Nominal size	5.5 mm
Suction cup diameter	100 mm
Suction cup volume	53.9 cm <sup>3</sup>
Mounting position	optional
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	297 N
Holding force at nominal operating pressure	375 N
Max. tightening torque for mounting thread	11 Nm
Lateral force at nominal operating pressure	183 N
Product weight	87.5 g
Type of mounting	Via vacuum port
Vacuum connection	G1/4
Colour	Reddish brown
Shore hardness	72 +/- 5
Material screwed plug	Wrought aluminium alloy
Note on materials	RoHS-compliant
Material suction cup	Vulkollan