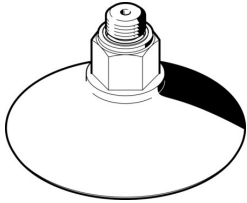


# Suction cup with connection ESS-80-GT-G1/4

Part number: 525985

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Height compensator for suction-cup holder	7.5 mm
Min. workpiece radius	100 mm
Nominal size	5.5 mm
Suction cup diameter	80 mm
Suction cup volume	28.6 cm <sup>3</sup>
Mounting position	Any
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 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