

suction cup ESS-80-GT-M10

Part number: 525983

FESTO

easily interchangeable,



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 ³
Assembly position	Any
Design structure	round, bell-shaped
Correlation to suction-cup holder	Size 5
Suction cup shape	Round deep
Operating pressure	-0.95 ... 0 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7::-:]
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature	-10 ... 80 °C
Breakaway force at 70% vacuum	245 N
Retention force at nominal operating pressure	245 N
Max. tightening torque for mounting thread	12 Nm
Lateral force at nominal operating pressure	99 N
Product weight	28 g
Mounting type	Via vacuum port
Vacuum connection	M10
Colour	red/brown
Shore hardness	72 +/- 5
Material of threaded plug	Wrought Aluminium alloy
Materials note	Free of copper and PTFE Conforms to RoHS
Material suction cup	Vulkollan®