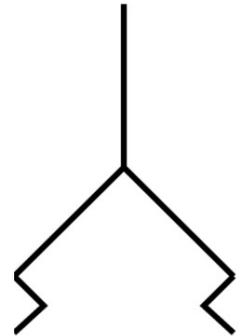


Vacuum suction cup

ESS-100-SF

Part number: 189325

FESTO



Data sheet

Feature	Value
Min. workpiece radius	460 mm
Nominal width	6 mm
Suction cup diameter	100 mm
Suction cup volume	29.779 cm ³
Type code	ESS
Connection position	Top
Mounting position	Any
Symbol	00991485
Classification of suction cup holder	Size 5
Suction cup shape	Round, flat
Operating pressure	0 bar ... 0.95 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7::-:]
Corrosion resistance class (CRC)	1 - Low corrosion stress
For use in the food industry	See supplementary material information
Ambient temperature	-10 °C ... 200 °C
Holding force at nominal operating pressure	503.6 N
Lateral force at nominal operating pressure	299 N
Product weight	222 g
Type of mounting	Via vacuum connection
Vacuum connection	M10
Color	Gray
Shore hardness	60 +/- 5
Material of screwed trunnion	POM Steel, nickel-plated Steel, galvanized and chrome-plated
Note on materials	Free of copper and PTFE RoHS-compliant
Suction cup material	FPM