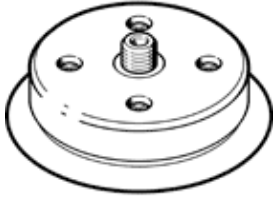


suction cup ESS-80-SN

Part number: 189318

FESTO

easily interchangeable,



Data sheet

Feature	Value
Min. workpiece radius	400 mm
Nominal size	6 mm
suction cup diameter	80 mm
suction cup volume	19.312 cm ³
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 5
Suction cup shape	round flat
Operating pressure	0 ... 0.95 bar
Nominal operating pressure	-0.7 bar
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7::-]
Corrosion resistance classification CRC	1 - Low corrosion stress
Food-safe	See Supplementary material information
Ambient temperature	-10 ... 70 °C
Retention force at nominal operating pressure	309.7 N
Lateral force at nominal operating pressure	315 N
Product weight	133 g
Mounting type	Via vacuum port
Vacuum connection	M10
Colour	Black
Shore hardness	60 +/- 5
Material of threaded plug	POM Steel, nickel-plated Galvanised and chrome-plated steel
Materials note	Free of copper and PTFE Conforms to RoHS
Material suction cup	NBR