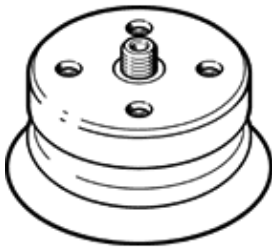


# suction cup ESS-80-BS

Part number: 189396

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Suction cup height compensator	10 mm
Min. workpiece radius	430 mm
Nominal size	6 mm
suction cup diameter	80 mm
suction cup volume	63.9 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 5
Suction cup shape	Round, bellows 1.5 conv
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	-30 ... 180 °C
Retention force at nominal operating pressure	213.6 N
Lateral force at nominal operating pressure	93 N
Product weight	139 g
Mounting type	Via vacuum port
Vacuum connection	M10
Colour	transparent
Shore hardness	50 +/- 5
Material of threaded plug	POM Steel, nickel-plated Galvanised and chrome-plated steel
Materials note	Free of copper and PTFE Contains PWIS substances Conforms to RoHS
Material suction cup	VMQ (silicon)