

# Suction cup complete

## ESS-6-SF

Part number: 189277

FESTO

Wearing part, easily replaceable



## Data sheet

Feature	Value
Min. workpiece radius	15 mm
Nominal size	2 mm
suction cup diameter	6 mm
suction cup volume	0.015 cm <sup>3</sup>
Ejector pulse suitability	≤ 4 bar
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 2
Suction cup shape	round flat
Operating pressure MPa	-95 ... 0 kPa
Working pressure	-0.95 ... 0 bar
Operating pressure	-13.775 ... 0 psi
Nominal operating pressure	-70 kPa
Nominal working pressure	-0.7 bar
Nominal operating pressure (psi)	-10.15 psi
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7:::]
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-A1-L
Food-safe	See Supplementary material information
Ambient temperature	-10 ... 200 °C
Retention force at nominal operating pressure	1.1 N
Lateral force at nominal operating pressure	1.5 N
Product weight	0.2 g
Mounting type	Via vacuum port
Vacuum connection	Inside diameter 4 mm
Color	Grey
Shore hardness	60 +/- 5
Material of threaded plug	Nickel-plated brass
Materials note	Conforms to RoHS
Material suction cup	FPM