

# Suction cup complete

## ESS-200-SU

Part number: 189331

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Min. workpiece radius	680 mm
Nominal size	10 mm
suction cup diameter	200 mm
suction cup volume	245.454 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 6
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 zone III
Food-safe	See Supplementary material information
Ambient temperature	-20 ... 60 °C
Retention force at nominal operating pressure	1,610 N
Lateral force at nominal operating pressure	1,000 N
Product weight	1,198 g
Mounting type	Via vacuum port
Vacuum connection	M20x2
Color	blue
Shore hardness	60 +/- 5
Material of threaded plug	NBR Steel, nickel-plated Galvanised and chrome-plated steel
Materials note	Conforms to RoHS
Material suction cup	PUR