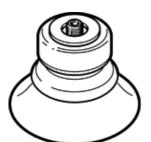
## Suction cup complete ESS-50-BN Part number: 189390

easily interchangeable,





**FESTO** 

## **Data sheet**

Feature	Value
Suction cup height compensator	11 mm
Min. workpiece radius	150 mm
Nominal size	3 mm
suction cup diameter	50 mm
suction cup volume	14.23 cm3
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Round, bellows 1.5 conv
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 70 °C
Retention force at nominal operating pressure	72.6 N
Lateral force at nominal operating pressure	55.5 N
Product weight	24.7 g
Mounting type	Via vacuum port
Vacuum connection	M6
Color	Black
Shore hardness	50 +/- 5
Material of threaded plug	Wrought aluminium alloy, nickel-plated
	Nickel-plated brass
	Galvanised and chrome-plated steel
Materials note	Conforms to RoHS
Material suction cup	NBR