

# Suction cup complete ESS-20-BS

Part number: 189380

FESTO



## Data sheet

Feature	Value
Height compensator for suction cup	6 mm
Min. workpiece radius	40 mm
Nominal size	3 mm
Suction cup diameter	20 mm
Suction cup volume	1.6 cm <sup>3</sup>
Position of connection	Top
Mounting position	optional
Correlation to suction-cup holder	Size 4
Suction cup shape	Round bellows 1.5 convolutions
Operating pressure	-95 kPa...0 kPa -0.95 bar...0 bar -13.775 psi...0 psi
Nominal operating pressure	-70 kPa -0.7 bar -10.15 psi
Operating medium	Atmospheric air based on ISO 8573-1:2010 [7::-]
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitable for use with food	See supplementary material information
Ambient temperature	-30 °C...180 °C
Holding force at nominal operating pressure	12.9 N
Lateral force at nominal operating pressure	8 N
Product weight	6.7 g
Type of mounting	Via vacuum port
Vacuum connection	M6
Colour	Transparent
Shore hardness	50 +/- 5

<b>Feature</b>	<b>Value</b>
Material screwed plug	Nickel-plated brass Steel, galvanised and chrome-plated
Note on materials	RoHS-compliant
Material suction cup	VMQ (silicone)