

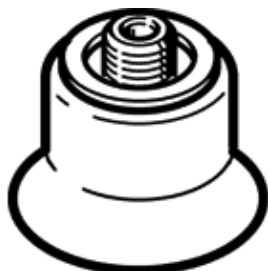
# Suction cup complete

## ESS-20-ES

Part number: 189340

FESTO

easily interchangeable,



## Data sheet

Feature	Value
Min. workpiece radius	30 mm
Nominal size	3 mm
suction cup diameter	20 mm
suction cup volume	0.84 cm <sup>3</sup>
Position of connection	on top
Assembly position	Any
Correlation to suction-cup holder	Size 4
Suction cup shape	Round, extra deep
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	-30 ... 180 °C
Retention force at nominal operating pressure	17 N
Lateral force at nominal operating pressure	13 N
Product weight	6.4 g
Mounting type	Via vacuum port
Vacuum connection	M6
Color	transparent
Shore hardness	50 +/- 5
Material of threaded plug	Nickel-plated brass Galvanised and chrome-plated steel
Materials note	Conforms to RoHS
Material suction cup	VMQ (silicon)