

Vacuum suction cup

ESV-100-ES

Part number: 191049

FESTO

Wearing part, easily replaceable



Data sheet

Feature	Value
Min. workpiece radius	200 mm
suction cup diameter	100 mm
suction cup volume	79.812 cm ³
Position of connection	on top
Assembly position	Any
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:-:-]
PWIS conformity	VDMA24364 zone III
Food-safe	See Supplementary material information
Ambient temperature	-30 ... 180 °C
Retention force at nominal operating pressure	440.8 N
Product weight	65 g
Color	transparent
Shore hardness	50 +/- 5
Materials note	Conforms to RoHS
Material suction cup	VMQ (silicon)