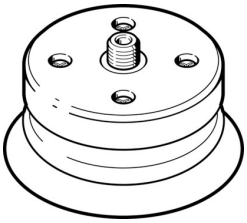
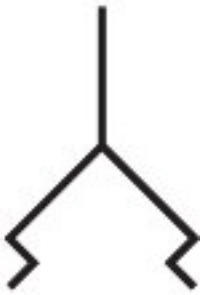
Suction cup complete
ESS-80-BU

Part number: 189395





Data sheet

Feature	Value
Height compensator for suction cup	10 mm
Min. workpiece radius	430 mm
Nominal size	6 mm
Suction cup diameter	80 mm
Suction cup volume	63.9 cm³
Position of connection	Top
Mounting position	optional
Correlation to suction-cup holder	Size 5
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	-20 °C...60 °C
Holding force at nominal operating pressure	213.6 N
Lateral force at nominal operating pressure	132.5 N
Product weight	139 g
Type of mounting	Via vacuum port
Vacuum connection	M10
Colour	Blue
Shore hardness	60 +/- 5

Feature	Value
Material screwed plug	POM Nickel-plated steel Steel, galvanised and chrome-plated
Note on materials	RoHS-compliant
Material suction cup	PUR