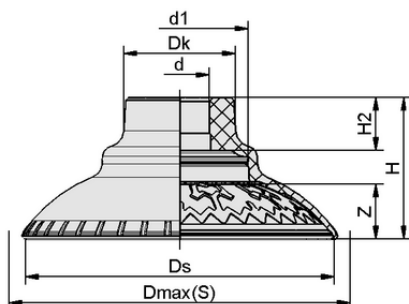




SAXM 80 ED-85 SC055

Technical data

Attribute	Value
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	80.00



Design data

Attribute	Value
Height H2	10.50 mm
Height H	31.30 mm
Head diameter Dk	22.0 mm
Internal diameter d1	27.6 mm
Internal diameter d	11.80 mm
Spring stroke Z	13.9 mm
Diameter Ds	81.0 mm
Diameter Dmax(S)	92.2 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Design data SAXM 80 ED-85 SC055

Art.-Nr.: 10.01.19.00008

**Technical data**

Attribute	Value
Nipple family	SC 055
Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	32.5 mm
Suction force (-600mbar)	270.00 N
Weight	20.00 g
Lateral force	150.0 N
Lateral force oily surface	269.0 N
Volume	55.473 cm ³
Size	80.00
Number of folds	0.0
Product family	SAXM

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.19.00008

**Ordering Data Accessories 10.01.19.00008**

Typ		Item number
Schmalz-Connector-Adapter	SC-A 055 G1/4-AG L	10.01.06.02821
Schmalz-Connector-Adapter	SC-A 055 G1/4-IG L	10.01.06.02742
Schmalz-Connector-Adapter	SC-A 055 G3/8-AG L	10.01.06.02809
Schmalz-Connector-Adapter	SC-A 055 G3/8-IG L	10.01.06.02743
Schmalz-Connector-Adapter	SC-A 055 M10-AG L	10.01.06.02822
Schmalz-Connector-Adapter	SC-A 055 M14x1.5-AG L	10.01.06.02823
Schmalz-Connector-Adapter	SC-A 055 RA L	10.01.06.02815
Schmalz-Connector-Screw	SC-S 055 FDC-L	10.01.06.02804

