



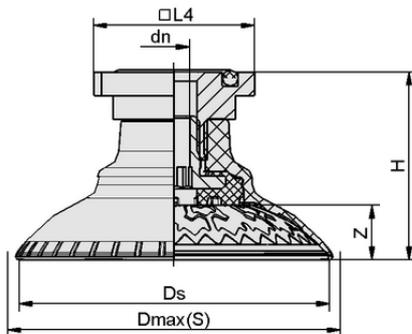
Technical data

Suction cup material	Elastodur ED
Material hardness [Shore A]	85.0 Shore A
Size	115.00
Connection	RA
Nipple material	Aluminum

SAXM 115 ED-85 RA

Bell-shaped suction cup SAXM (elastomer part + connection element) is delivered assembled. As an alternative the individual parts can also be ordered separately. To do this, the following ordering steps are required:

- Bell-shaped suction cup of type SAXM (step 1) – elastomer part, available in various diameters
- Connector upper part (step 2) – available with various threads
- Connector lower part (step 3) – including molded friction disc



Design data

Height H	51.60 mm
Nominal diameter dn	6.10 mm
Spring stroke Z	20.0 mm
Diameter Ds	115.2 mm
Length L4	31.80 mm
Diameter Dmax(S)	129.4 mm

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

Design data SAXM 115 ED-85 RA

Art.-Nr.: 10.01.19.00048

**Technical data**

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)	50.0 mm
Suction force (-600mbar)	549.00 N
Weight	98.00 g
Lateral force	320.0 N
Lateral force oily surface	584.0 N
Volume	141.500 cm ³
Size	115.00
Number of folds	0.0
Connection	Rectangular adapter
Product family	SAXM

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even workpiece surface - they do not include a safety factor Lateral force: The specified lateral forces are values measured at a vacuum of -0.6 bar with a dry or oily, smooth, flat workpiece surface. Depending on the workpiece surface and its quality, the actual values may deviate from these values Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Ordering Data Spare Parts 10.01.19.00048**

Typ		Item number
Schmalz-Connector-Adapter	SC-A 065 RA L	10.01.06.02817

**Ordering Data Wear Parts 10.01.19.00048**

Typ		Item number
Bell suction cup (round)	SAXM 115 ED-85 SC065	10.01.19.00010
Schmalz-Connector-Screw	SC-S 065 FDC-L	10.01.06.02805

