

Flat suction cup (round)

SHF 85 NK-45 M10x1.25-IG E

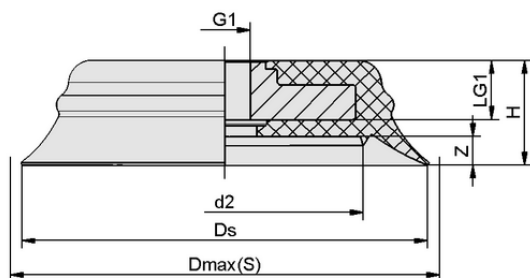
Art.-Nr.: 10.01.01.12209



SHF 85 NK-45 M10x1.25-IG E

Technical data

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Size	85.00
Thread G1	M10x1.25-F
Type	E



Design data SHF 85 NK-45 M10x1.25-IG E

Design data

Attribute	Value
Height H	18.10 mm
d2	62.0 mm
Thread G1	M10x1.25-F
Thread length LG1	10.0 mm
Spring stroke Z	4.0 mm
Diameter Ds	85.0 mm
Diameter Dmax(S)	89.0 mm

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



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**Technical data**

Attribute	Value
Suction cup material	Natural rubber NK
Suction force (-600mbar)	198.00 N
Weight	81.80 g
Volume	24.500 cm ³
Size	85.00
Number of folds	0.0
Product family	SHF

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/10.01.01.12209

**Ordering Data Accessories 10.01.01.12209**

Typ		Item number
Reduction nipple with hexagon	RED-NIP G1/4-AG M10x1.25-AG AL	10.01.01.12194
Suction cup connection nipple	SA-NIP N009 G1/4-IG DN440	10.01.01.12192
Sieve, round	SIEB 14.5x1 MS-A2 0.103/0.15	10.05.03.00023
Touch Valve	TVN G1/4-AG 9 N009	10.05.10.00065