

Flat suction cup (round)

SHF 85 NK-45 N041

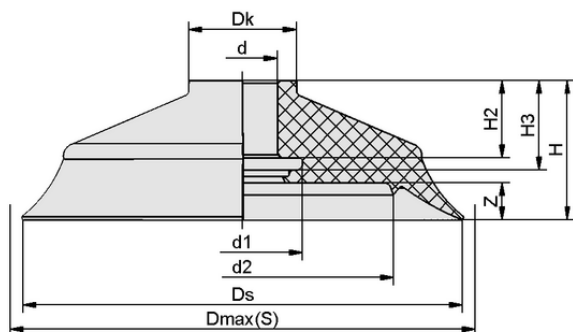
Art.-Nr.: 10.01.01.11773



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Technical data

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Size	85.00



Design data SHF 85 NK-45 N041

Design data

Attribute	Value
Height H2	12.80 mm
Height H	22.20 mm
Head diameter Dk	17.0 mm
Internal diameter d1	17.0 mm
d2	62.0 mm
Internal diameter d	7.50 mm
Spring stroke Z	4.0 mm
Diameter Ds	85.0 mm
Height H3	14.30 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
Nipple family	N 041
Suction cup material	Natural rubber NK
Workpiece radius min. (convex)	176.0 mm
Suction force (-600mbar)	198.00 N
Weight	46.00 g
Lateral force	210.0 N
Volume	24.900 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/10.01.01.11773

**Ordering Data Accessories 10.01.01.11773**

Typ		Item number
Suction cup connection nipple	SA-NIP N041 G1/4-AG DN440	10.01.01.11772
Suction cup connection nipple	SA-NIP N041 G1/4-IG DN440	10.01.01.11822
Sieve, round	SIEB 15x0.8 MS-A2 0.103/0.07	10.07.01.00211
Touch Valve	TVN G1/4-AG 8.4 N041	10.05.10.00058

