



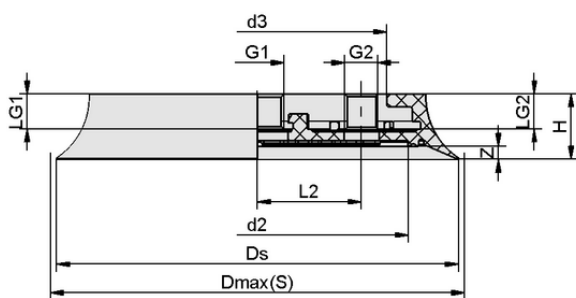
SHF 125 NK-45 G1/4-IG

Suction plate SHF (sealing ring + support plate) is delivered assembled. The assembly consists of:

- Sealing ring of type DR-SHF – elastomer part, available in various diameters
- Aluminum support plate – available with various threads

Available spare parts: sealing ring DR-SHF

Available accessories: touch valve, filter screen



Design data SHF 125 NK-45 G1/4-IG

Technical data

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Size	125.00
Height H	26.00 mm
Connection	G1/4-IG

Design data

Attribute	Value
Length L2	26.50 mm
Height H	26.00 mm
d2	85.0 mm
Thread G1	G1/4"-F
Thread length LG1	14.0 mm
Thread G2	G1/4"-F
Thread length LG2	12.8 mm
Hole size d3	70.0 mm
Spring stroke Z	6.0 mm
Diameter Ds	125.0 mm

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



Art.-Nr.: 10.01.01.11788

**Technical data**

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Workpiece radius min. (convex)	305.0 mm
Suction force (-600mbar)	625.00 N
Weight	307.0 g
Volume	69.900 cm ³
Size	125.00
Suction force d2	290.00 N
Number of folds	0.0
Product family	SHF

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 Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose 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/10.01.01.11788

**Ordering Data Accessories 10.01.01.11788**

Typ		Item number
Touch Valve	TV G1/4-AG 13	10.05.10.00061
Sieve, round	SIEB 19.5x1 MS 100	10.07.01.00215
Protection Covers	PC 125	10.01.01.13086

**Ordering Data Spare Parts 10.01.01.11788**

Typ		Item number
Sealing ring for SHF suction plate	DR-SHF 125 NK-45	10.01.01.11783

**Ordering Data Wear Parts 10.01.01.11788**

Typ		Item number
Sealing ring for SHF suction plate	DR-SHF 125 NK-45	10.01.01.11783

