



SHF 160 NK-45 G1/2-IG

Technical data

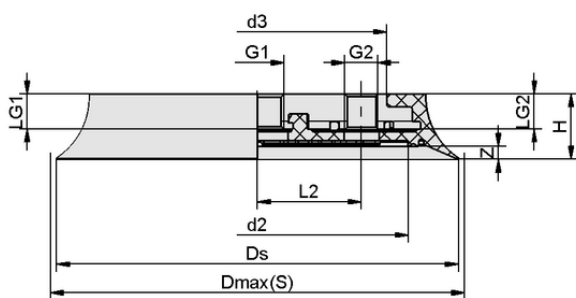
Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Size	160.00
Height H	26.00 mm
Connection	G1/2-IG

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 160 NK-45 G1/2-IG

Design data

Attribute	Value
Length L2	41.35 mm
Height H	26.00 mm
d2	120.0 mm
Thread G1	G1/2"-F
Thread length LG1	14.0 mm
Thread G2	G1/4"-F
Thread length LG2	12.8 mm
Hole size d3	103.0 mm
Spring stroke Z	6.0 mm
Diameter Ds	160.0 mm

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

Art.-Nr.: 10.01.01.12025

**Technical data**

Attribute	Value
Suction cup material	Natural rubber NK
Material hardness [Shore A]	45.0 Shore A
Hose inner diameter (recom.) d	12.0 mm
Workpiece radius min. (convex)	500.0 mm
Suction force (-600mbar)	1,025.00 N
Weight	577.0 g
Volume	116.800 cm ³
Size	160.00
Suction force d2	580.00 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/10.01.01.12025

**Ordering Data Accessories 10.01.01.12025**

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
Sieve, round	SIEB 27x1 MS-A2 100 0.1/0.06	10.07.01.00110
Protection Covers	PC 150	10.01.01.13087

**Ordering Data Spare Parts 10.01.01.12025**

Typ		Item number
Sealing ring for SHF suction plate	DR-SHF 160 NK-45	10.01.01.12023

**Ordering Data Wear Parts 10.01.01.12025**

Typ		Item number
Sealing ring for SHF suction plate	DR-SHF 160 NK-45	10.01.01.12023

