

Art.-Nr.: 10.01.01.12475



SGF 125 EPDM-55 G1/4-IG

Technical data

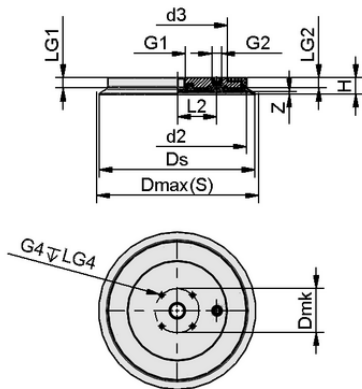
Attribute	Value
Suction cup material	EPDM
Material hardness [Shore A]	55.0 Shore A
Size	125.00
Connection	G1/4"-F

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

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

Available spare parts: sealing ring of type DR-SGF

Available accessories: touch valve, filter screen (sieve, round)



Design data SGF 125 EPDM-55 G1/4-IG

Design data

Attribute	Value
Length L2	26.50 mm
Height H	21.40 mm
d2	100.0 mm
Thread G1	G1/4"-F
Thread length LG1	14.0 mm
Thread G2	G1/4"-F
Thread length LG2	14.0 mm
Hole size d3	70.0 mm
Dmk	58.3 mm
Spring stroke Z	3.0 mm

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



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Attribute	Value
Suction cup material	EPDM
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Workpiece radius min. (convex)	1,500.0 mm
Suction force (-600mbar)	730.00 N
Weight	300.0 g
Volume	43.784 cm ³
Size	125.00
Suction force d2	470.00 N
Number of folds	0.0
Product family	SGF

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
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/10.01.01.12475

**Ordering Data Accessories 10.01.01.12475**

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
Suction cup cover	SU 120	10.01.01.12437
Flexolink HD	FLK-HD G3/8-AG	10.07.06.00235
Flexolink HD	FLK-HD G1/4-IG	10.07.06.00241
Flexolink HD	FLK-HD G1/2-IG	10.07.06.00242

**Ordering Data Spare Parts 10.01.01.12475**

Typ		Item number
Sealing screw without collar	VRS-S G1/4-AG	10.08.06.00048
Sealing ring for SGF suction plate	DR-SGF 125 EPDM-55	10.01.01.12473

