



SGF 150 HT1-60 FM1

Technical data

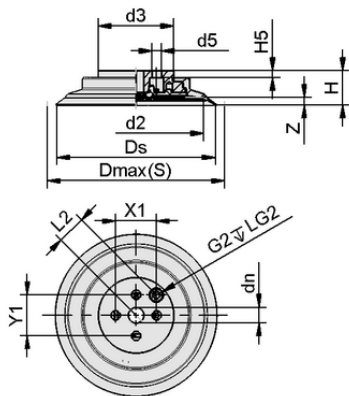
Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	150.00
Connection	4x8,7mm LK38,2 90°

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 150 HT1-60 FM1

Design data

Attribute	Value
Length L2	36.50 mm
Height H	27.70 mm
Nominal diameter dn	14.50 mm
d2	125.0 mm
Thread G2	G1/4"-F
Thread length LG2	20.0 mm
Hole size d3	93.0 mm
Spring stroke Z	3.3 mm
Diameter Ds	148.3 mm
Hole spacing Y1	27.0 mm

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



Art.-Nr.: 10.01.01.13486

**Technical data**

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	9.0 mm
Workpiece radius min. (convex)	2,000.0 mm
Suction force (-600mbar)	1,060.00 N
Weight	490.0 g
Volume	64.876 cm ³
Size	150.00
Suction force d2	730.00 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/10.01.01.13486

**Ordering Data Accessories 10.01.01.13486**

Typ		Item number
Touch Valve	TV G1/4-AG 13	10.05.10.00061
Sieve, round	SIEB 27x1 MS-A2 130 0.13/0.06	10.07.01.00110
Protection Covers	PC 150	10.01.01.13087
Suction cup cover	SU 160	10.01.01.12438

**Ordering Data Spare Parts 10.01.01.13486**

Typ		Item number
Sealing ring for SGF suction plate	DR-SGF 150 HT1-60	10.01.01.13020
Sealing screw without collar	VRS-S G1/4-AG	10.08.06.00048

