



SGF-HS 300 HT1-60 G1/2-IG

Technical data

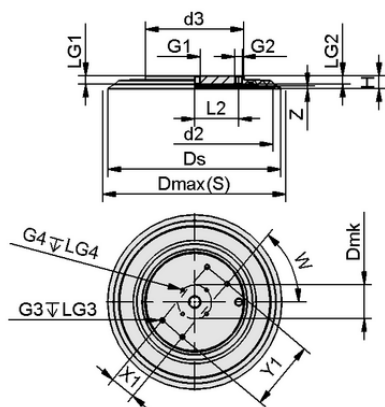
Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	300.00
Connection	G1/2"-F

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-HS 300 HT1-60 G1/2-IG

Design data

Attribute	Value
Length L2	76.00 mm
Height H	26.80 mm
d2	272.3 mm
Thread G1	G1/2"-F
Thread length LG1	14.5 mm
Thread G2	G1/4"-F
Thread length LG2	14.5 mm
Thread length LG3	12.0 mm
Hole size d3	170.0 mm
Dmk	58.3 mm

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

Art.-Nr.: 10.01.01.13794

**Technical data**

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Hose inner diameter (recom.) d	12.0 mm
Workpiece radius min. (convex)	2,400.0 mm
Suction force (-600mbar)	4,240.00 N
Volume	573.000 cm ³
Size	300.00
Suction force d2	3,480.00 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/10.01.01.13794

**Ordering Data Accessories 10.01.01.13794**

Typ		Item number
Sieve, round	SIEB 27x1 MS-A2 100 0.1/0.06	10.07.01.00110
Touch Valve	TV G1/4-AG 13	10.05.10.00061
Flexolink HD	FLK-HD G1/2-IG	10.07.06.00242
Flexolink HD	FLK-HD G1/4-IG	10.07.06.00241
Flexolink HD	FLK-HD G3/8-AG	10.07.06.00235
Suction cup cover	SU 300	10.01.01.12843
Protection Covers	PC 300	10.01.01.13091

**Ordering Data Spare Parts 10.01.01.13794**

Typ		Item number
Sealing screw without collar	VRS-S G1/4-AG	10.08.06.00048

