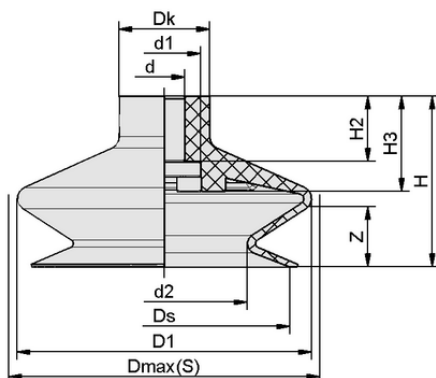


FGA 78 HT1-60 N019

Technical data

Attribute	Value
Suction cup material	High temperature material HT1
Material hardness [Shore A]	60.0 Shore A
Size	78.00
Number of folds	1.5



Design data FGA 78 HT1-60 N019

Design data

Attribute	Value
Height H_2	19.70 mm
Height H	47.00 mm
Outside diameter D_1	83.0 mm
Head diameter D_k	24.7 mm
Internal diameter d_1	21.8 mm
d_2	54.0 mm
Internal diameter d	11.80 mm
Spring stroke Z	16.0 mm
Diameter D_s	74.0 mm
Height H_3	31.40 mm

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

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**Technical data**

Attribute	Value
Suction cup material	High temperature material HT1
Workpiece radius min. (convex)	70.0 mm
Suction force (-600mbar)	137.40 N
Weight	55.60 g
Size	78.00
Number of folds	1.5
Product family	FGA

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner 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/10.01.06.02474

**Ordering Data Accessories 10.01.06.02474**

Typ		Item number
Suction cup connection nipple	SA-NIP N019 G1/4-AG DN820	10.01.06.01959
Suction cup connection nipple	SA-NIP N019 G1/4-IG DN820	10.01.06.01960

