

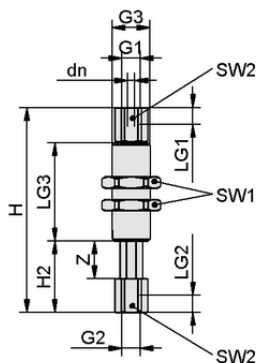
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FSTIm M3-IG M5-IG A 5 VG-IN

Spring plunger FSTIm is delivered assembled.

Available accessories: vacuum hose, hose sleeve



Design data FSTIm M3-IG M5-IG A 5 VG-IN

Technical data

Attribute	Value
Shape mounting elements	with anti-rotation guard / insulating
Spring stroke Z	5.0 mm
Suction cup connection	M3-F
Vacuum connection	M5-F
Shape	Axial vacuum guide
Tightening torque (max)	4.0 Nm

Design data

Attribute	Value
Height H2	14.00 mm
Height H	42.40 mm
Nominal diameter dn	2.00 mm
Thread G1	M5-F
Thread length LG1	4.5 mm
Thread G2	M3-F
Thread length LG2	3.0 mm
Thread length LG3	19.0 mm
Key width SW1	14.0 mm
Spanner size SW2	8.0 mm

Recommendation: Avoid maximum plunger stroke Z during continuous operation to extend service life Ensure that the hose guide is free from distortion

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**Technical data**

Attribute	Value
Shape mounting elements	with anti-rotation guard / insulating
Spring force center	0.64 N
Spring rate	0.055 N/mm
Spring pretension	0.50 N
Horizontal load	10.0 N
Vertical load	15.0 N
Weight	17.5 g
Operating temperature	0 ... 80 °C
Product family	FSTIm
Tightening torque (max)	4.0 Nm

Note: Spring force: Referred to 50 % of operating stroke Vertical loading: Maximum static loading Horizontal load: The specification of the horizontal load refers to the lower edge of the plunger with extended spring. It is a maximum static stress and it impairs the spring compression and extension in horizontal position.

**Further documentation**

CAD data and other documents relating to the article can be found at: www.schmalz.com/10.01.02.01487

**Ordering Data Accessories 10.01.02.01487**

Typ		Item number
Compressed-air hose	VSL 4-2.5 PU BL SO	10.07.09.00142
Cross-beam connection	HTR-STA 47 1N D10/16 FL	10.08.03.00085
Cross-beam connection	HTR-ST5 30x30 D10/16 WI	10.08.03.00088
Cross-beam connection	HTR-ST5 40x40 D10/16 WI	10.08.03.00089

