Spring plunger

FSTIm N016 6/4 A 20 IN

Art.-Nr.: 10.01.02.01342

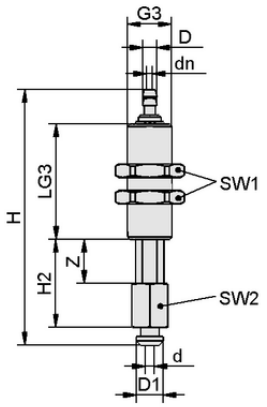
FSTIm N016 6/4 A 20 IN

Spring plunger FSTIm is delivered assembled.

Available accessories: vacuum hose, hose sleeve

Technical data

Attribute	Value
Shape mounting elements	(electrically) insulating
Spring stroke Z	20.0 mm
Vacuum connection	Hose 6/4
Shape	Axial vacuum guide
Tightening torque (max)	4.0 Nm



Design data FSTIm N016 6/4 A 20 IN

Design data

Attribute	Value
Height H2	30.00 mm
Height H	86.70 mm
Outside diameter D1	6.5 mm
Outside diameter D	4.00 mm
Nominal diameter dn	2.00 mm
Internal diameter d	2.50 mm
Thread length LG3	41.0 mm
Key width SW1	14.0 mm
Spanner size SW2	8.0 mm
Spring stroke Z	20.0 mm
Thread G3	M10x1-M

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	(electrically) insulating
Spring force center	1.02 N
Spring rate	0.052 N/mm
Spring pretension	0.50 N
Horizontal load	10.0 N
Vertical load	15.0 N
Weight	19.50 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 extensionin horizontal position.

Further documentation

CAD data and other documents relating to the article can be found at: **www.schmalz.com/10.01.02.01342**

Ordering Data Accessories 10.01.02.01342

Typ		Item number
Compressed-air hose	VSL 6-4 PU BL SO	10.07.09.00141
Cross-beam connection	HTR-STA 47 1N D10/16 FL	10.08.03.00085
Cross-beam connection	HTR-STS 30x30 D10/16 WI	10.08.03.00088
Cross-beam connection	HTR-STS 40x40 D10/16 WI	10.08.03.00089

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