

Spring plunger FSTF G1/2-AG 50 VG

Part no.: 10.01.02.01013

<https://www.schmalz.com/10.01.02.01013>



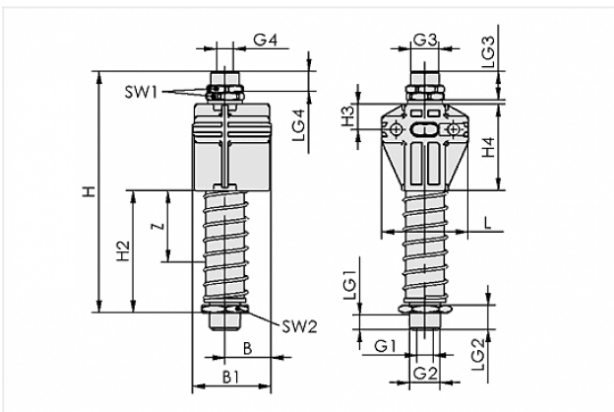
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Spring plunger with damping, height compensation and flexible mounting



Suction cup connection: G1/4-F
alt. Suction cup connection: G1/2-M
Vacuum connection: M20-M
alt. Vacuum connection: G1/4-F
Spring stroke Z: 50 mm
Shape: With rotation lock

Design Data



Attribute	Value
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B	32.3 mm
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B1	54.6 mm
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G1	G1/4"-F
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G2	G1/2"-M
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G3	M20-M
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G4	G1/4"-F
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H	168 mm
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H2	85 mm
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H3	17.5 mm
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H4	60 mm
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L	60 mm
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LG1	10 mm
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LG2	17 mm
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Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | customercenter@schmalz.de

Attribute	Value
LG3	20 mm
LG4	10 mm
SW1	24 mm
SW2	32 mm
Z	50 mm

Technical Data

Attribute	Value
Shape	With rotation lock
Spring rate	0.567 N/mm
Spring pretension	17.6 N
Spring force, centre	31.75 N
Vertical load	2500 N
Horizontal load	800 N
Weight	250 g
Ambient temperature	0 ... 50 °C

Note:

- Spring force: Referred to 50% of operating stroke
- Static loading: Maximum static loading
- Horizontal stress: The specification of the horizontal stress 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

Accessories

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**SET FSTF**

Part no. 10.01.02.01030

Mounting set

for: Spring plungers FSTF

**SET FSTF COM**

Part no. 10.01.02.01031

Mounting set

for: Spring plungers FSTF

Size: COM