

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



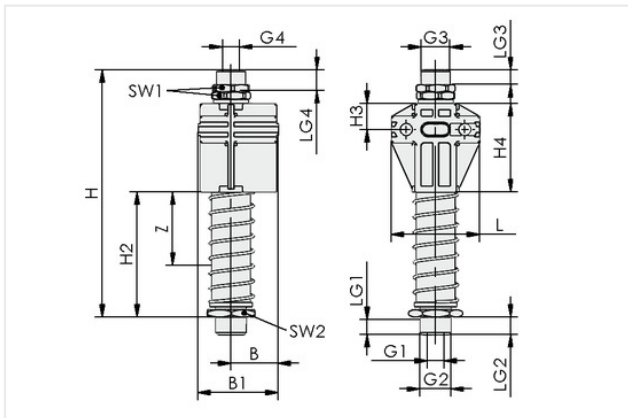
Suction cup connection: G1/4"-F

Vacuum connection: M20x1.5-M

Spring stroke Z: 50 mm

Shape mounting elements: with anti-rotation guard

Design Data



Attribute	Value
B	32.30 mm
B1	54.60 mm
G1	G1/4"-F
G2	G1/2"-M
G3	M20x1.5-M
G4	G1/4"-F
H	168 mm
H2	85 mm
H3	17.50 mm
H4	60 mm
L	60 mm
LG1	10 mm
LG2	12 mm
LG3	10 mm
LG4	10 mm
SW1	24 mm
SW2	32 mm
Z (Stroke)	50 mm

Technical Data

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

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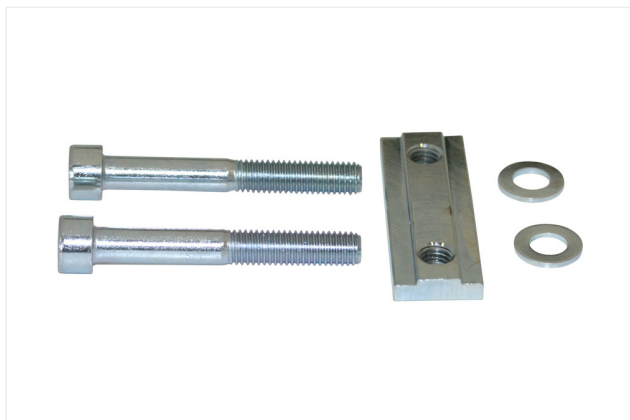
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Attribute	Value
Spring rate	0.57 N/mm
Spring pretension	17.60 N
Spring force, center	31.75 N
Vertical load	2500 N
Horizontal load	800 N
Weight	250 g
Operating temperature	0 ... 50 °C
Product family	FSTF

Note: Spring force: Referred to 50 % of operating stroke Vertical 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



SET FSTF

Part no...:10.01.02.01030

Construction use: Spring plunger FSTF



SET FSTF COM

Part no...:10.01.02.01031

Construction use: Spring plunger FSTF

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