

Spring plunger FSTE M3-IG 5 VG

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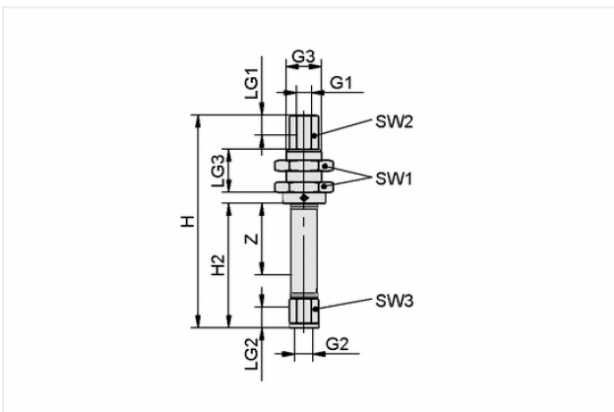
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Spring plunger with damping and height compensation



Suction cup connection: M3-F
Vacuum connection: M3-F
Spring stroke Z: 5 mm
Shape: With rotation lock

Design Data



Attribute	Value
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G1	M3-F
G2	M3-F
G3	M6x0.75-M
H	33.5 mm
H2	15 mm
LG1	3.8 mm
LG2	6 mm
LG3	10 mm
SW1	10 mm
SW2	4.5 mm
SW3	7 mm
Z	5 mm

Contact to Schmalz

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

Technical Data

Attribute	Value
Shape	With rotation lock
Spring rate	0.596 N/mm
Spring pretension	1.49 N
Spring force, centre	2.98 N
Vertical load	550 N
Horizontal load	47 N
Weight	9 g
Ambient temperature	0 ... 80 °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