

Spring plunger

FSTE M3-IG 5 VG

Part no...:10.01.02.00614

<https://www.schmalz.com/10.01.02.00614>

Home > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Spring Plungers > Spring Plungers FSTE > FSTE M3-IG 5 VG

Spring plunger with damping and height compensation



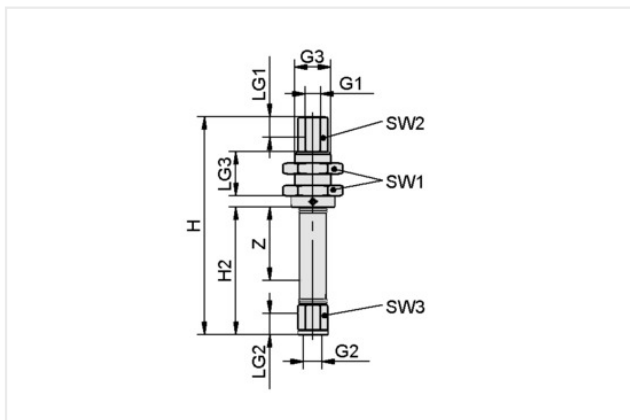
Suction cup connection: M3-F

Vacuum connection: M3-F

Spring stroke Z: 5 mm

Shape mounting elements: with anti-rotation guard

Design Data



Attribute	Value
G1	M3-F
G2	M3-F
G3	M6x0.75-M
H	33.50 mm
H2	15 mm
LG1	3.80 mm
LG2	6 mm
LG3	10 mm
SW1	10 mm
SW2	4.50 mm
SW3	7 mm
Z (Stroke)	5 mm

Technical Data

Attribute	Value
Spring rate	0.60 N/mm
Spring pretension	1.49 N
Spring force, center	2.98 N
Vertical load	550 N
Horizontal load	47 N
Weight	9 g

Contact Schmalz

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Operating temperature	0 ... 80 °C
Product family	FSTE

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

Spare parts



DRUCK-FED 0.4x5 10.5 0.596

Part no.:20.08.02.00093

Length L: 10.5 mm

Spring rate: 0.596 N/mm