Spring plungers lockable

FST-LOCK-HD G1/4-AG 100 NC AB

Part no..:10.01.02.01629

https://www.schmalz.com/10.01.02.01629

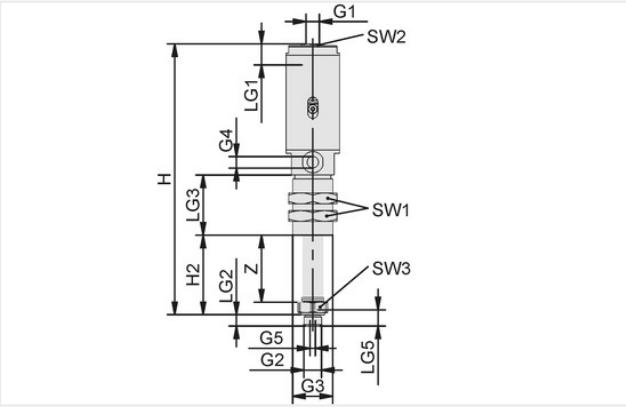
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Lockable spring plunger with clamping and height compensation, Heavy-Duty



- Suction cup connection: G1/4"-M
- Vacuum connection: G1/8"-F
- Spring stroke Z: 100 mm
- Shape mounting elements: anti-Block
- Mounting connection: M30x1.5-M
- Compressed-air connection: G1/8"-F

Design Data



Attribute	Value
G1	G1/8"-F
G2	G1/4"-M
G3	M30x1.5-M
G4	G1/8"-F
H	267.30 mm
H2	109.30 mm
LG1	12 mm
LG2	8.50 mm
LG3	60 mm
SW1	36 mm
SW2	17 mm
SW3	22 mm
Z (Stroke)	100 mm

Technical Data

Attribute	Value
Spring rate	0.33 N/mm
Spring pretension	3.28 N
Spring force, center	19.68 N

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Vertical load	1500 N
Horizontal load	150 N
Weight	895 g
Operating temperature	0 ... 80 °C
Pressure range (operating pressure)	4.0 ... 7.0 bar
Braking force	350 N

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



STV-GE G1/8-AG 6

Part no..:10.08.02.00204

Thread G1: G1/8"-M
Hose diameter: 6 mm
Material: Brass
Operating temperature: -20 ... 80 °C
External diameter D: 11.4 mm
Length L: 16.4 mm



STV-W G1/8-AG 6

Part no..:10.08.02.00158

Thread G1: G1/8"-M
Hose diameter: 6 mm
Material: Nickel plated
Operating temperature: -20 ... 80 °C
Length L: 20.1 mm

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VSL 6-4 PU MI-TR

Part no..:10.07.09.00002

External diameter D: 6 mm
Internal diameter d: 4 mm
Length max.: 500 m
Material hose: PU
Bending radius min.: 35 mm
Pressure range (operating pressure): -0.95 ... 10.00 bar
Operating temperature: -20 ... 90 °C



HT-FST A2 42 M30x1.5

Part no..:10.07.06.00474

Connection 1: Bolt with slot Ø19mm
Width B: 42 mm
Thread G3: M30x1.5-F



HT-FST A3 42 M30x1.5

Part no..:10.07.06.00472

Connection 1: Ball head 28.5 mm
Width B: 42 mm
Thread G3: M30x1.5-F

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Part no..:10.01.02.01629

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HT-FST A5 42 M30x1.5

Part no..:10.07.06.00473

Connection 1: Ball head 32 mm
Width B: 42 mm
Thread G3: M30x1.5-F

Contact Schmalz

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