

Spring plungers

FSTE-HDB G3/8-AG 120 VG-AB

Part no.: 10.01.02.01530

<https://www.schmalz.co.jp/10.01.02.01530>

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Spring plunger with damping and height compensation, heavy-duty and ball guided anti-rotation guard



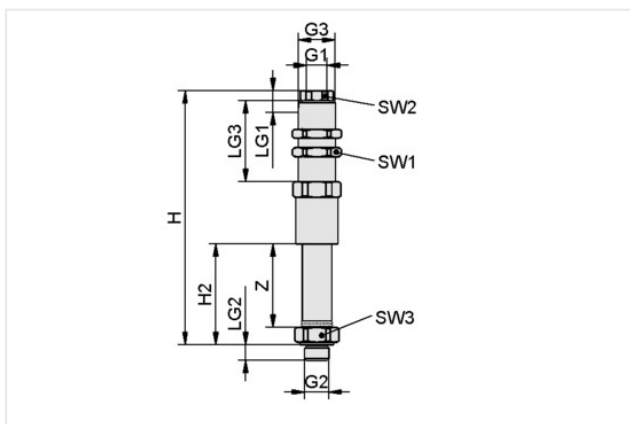
Suction cup connection: G3/8"-M

Vacuum connection: G1/8"-F

Spring stroke Z: 120 mm

Shape mounting elements: with anti-rotation guard anti-block

Design Data



Attribute	Value
G1	G1/8"-F
G2	G3/8"-M
G3	M20x1.5-M
H	238.80 mm
H2	130.30 mm
LG1	12 mm
LG2	8 mm
LG3	44 mm
SW1	24 mm
SW2	17 mm
SW3	22 mm
Z (Stroke)	120 mm

Recommendation: Avoid maximum plunger stroke Z during continuous operation to extend service life Ensure that the hose guide is free from distortion

Technical Data

Attribute	Value
Shape mounting elements	with anti-rotation guard anti-block
Spring rate	0.23 N/mm
Spring pretension	10.37 N

Contact Schmalz

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Spring force, center	24.29 N
Vertical load	2400 N
Horizontal load	290 N
Weight	350 g
Operating temperature	0 ... 80 ° C
Product family	FSTE-HDB

Note: Spring force: Referred to 50 % of operating stroke Vertical load: Maximum static loading Horizontal load: The specification of the horizontal load 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.