

Spring plunger

FSTIm M3-IG M5-IG A 5 IN

Osanro.:10.01.02.01488

<https://www.schmalz.com/10.01.02.01488>

Aloitussivu > Alipainetekniikkaa automaatioon > Alipaineekomponentit > Kiinnittimet > Jousimäntä > Jousiputki FSTIm > FSTIm M3-IG M5-IG A 5 IN

Spring plunger with internal damping spring and height compensation



Suction cup connection: M3-F

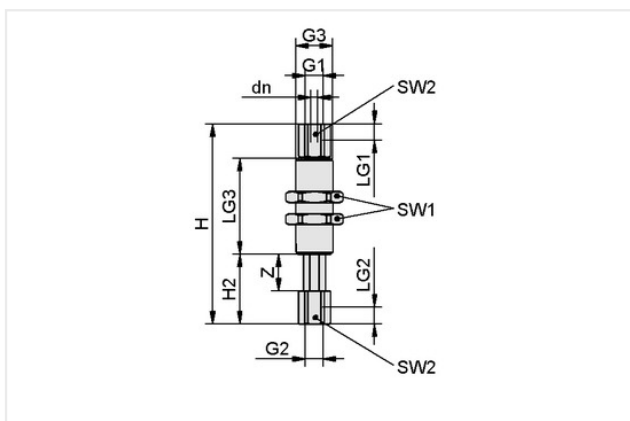
Vacuum connection: M5-F

Shape: Axial vacuum guide

Spring stroke Z: 5 mm

Shape mounting elements: (electrically) insulating

Suunnitteludata



Attribuutti	Arvo
dn	2 mm
G1	M5-F
G2	M3-F
G3	M10x1-M
H	42,40 mm
H2	14 mm
LG1	4,50 mm
LG2	3 mm
LG3	19 mm
SW1	14 mm
SW2	8 mm
Z (Stroke)	5 mm

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

Tekniset tiedot

Attribuutti	Arvo
Shape mounting elements	(electrically) insulating
Spring rate	0,06 N/mm
Spring pretension	0,50 N
Spring force, center	0,64 N
Vertical load	15 N

Ota yhteyttä Schmalziin

Oy Schmalz Ab | Taivaltie 5, 01610 Vantaa, Finland | +358 10 2312011 | schmalz@schmalz.fi

Spring plunger

FSTIm M3-IG M5-IG A 5 IN

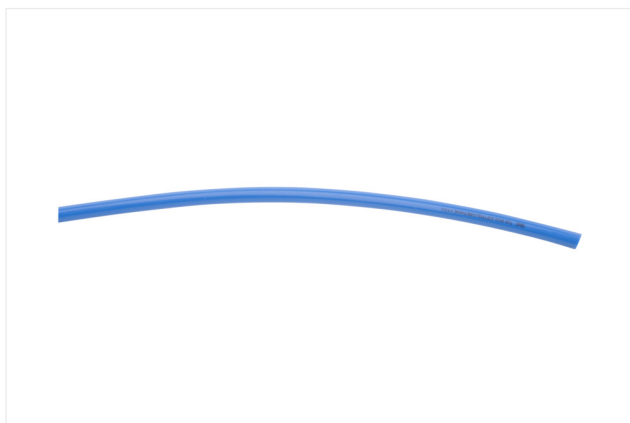
Osanro.:10.01.02.01488

<https://www.schmalz.com/10.01.02.01488>

Horizontal load	10 N
Weight	17,50 g
Operating temperature	0 ... 80 °C
Product family	FSTIm

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

Lisätarvikkeet



VSL 4-2.5 PU BL SO

Osanro.:10.07.09.00142



HTR-STA 47 1N D10/16 FL

Osanro.:10.08.03.00085

Length L: 47 mm

Connection 1: Sliding block

Connection of suction cup, spring plunger: Contour D10 and D16

Shape: flat

Spring plunger

FSTIm M3-IG M5-IG A 5 IN

Osanro.:10.01.02.01488

<https://www.schmalz.com/10.01.02.01488>



HTR-ST5 30x30 D10/16 WI

Osanro.:10.08.03.00088

Connection 1: 30x30

Connection of suction cup, spring plunger: Contour D10 and D16

Shape: angled



HTR-ST5 40x40 D10/16 WI

Osanro.:10.08.03.00089

Connection 1: 40x40

Connection of suction cup, spring plunger: Contour D10 and D16

Shape: angled

Tuotesuositukset



FSG 12 HT1-60 M5-AG

Osanro.:10.01.06.01255

Size: 12

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A

Nipple material: Aluminum

Connection: M5-M

Number of folds: 2,5

Vacuum connection: M5-M

Spring plunger

FSTIm M3-IG M5-IG A 5 IN

Osanro.:10.01.02.01488

<https://www.schmalz.com/10.01.02.01488>



SGON 4x2 NBR-ESD-55 M3-AG

Osanro.:10.01.05.00938

Suction cup material: Nitrile rubber NBR-ESD

Material hardness [Shore A]: 55 Shore A

Nipple material: Aluminum

Connection: M3-M



FSTIm M5-IG M5-IG A 5 VG-CO

Osanro.:10.01.02.01620

Suction cup connection: M5-F

Shape: Axial vacuum guide

Spring stroke Z: 5 mm

Shape mounting elements: rotation lock /conductive