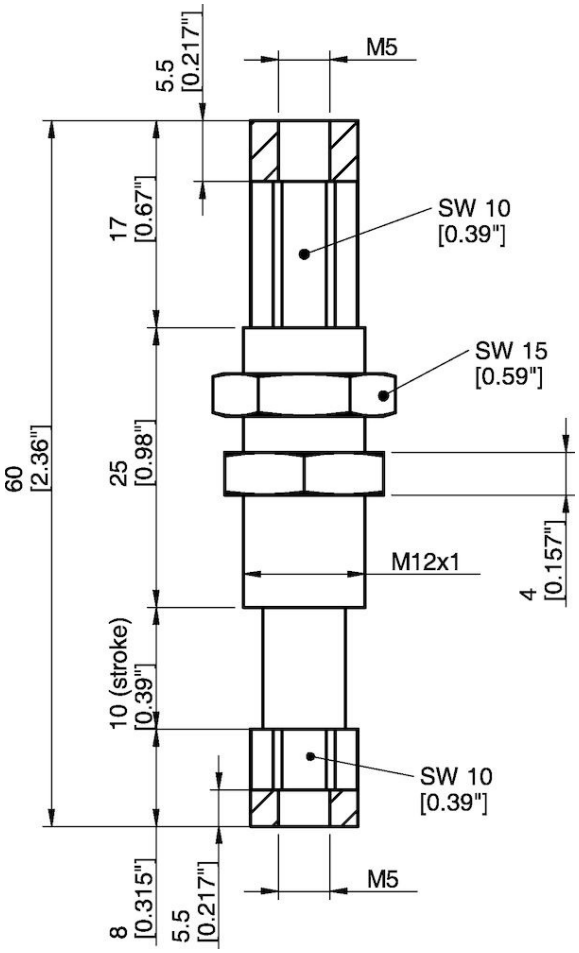
Datasheet

Level compensator LC12-F0510, M5 female, stroke 10

Article number: 0127103

- Adjust differences in levels, for example on lifting devices with several suction cups.
- Less demand for exact positioning of vacuum handling device.
- Provides a certain degree of shock and vibration absorption.
- Allows for soft placement of cups on sensitive or thin objects.
- Non-rotational design, suitable for use with oval suction cups.
- Wide range of thread connections and stroke lengths.

Technical data

Description	Unit	Value
Material	-	Al, SS
Load, horizontal, max.	N	5
Load, vertical, max.	N	25
Temperature, max.	°C	60
Temperature, min.	°C	0
Weight, min.	g	17
Volume	cm^3	0.22
Length (B)	mm	5.5
Length 2 (C)	mm	17
Length 3 (D)	mm	25
Length 4 (F)	mm	8
Thread	in	M5
Thread 2 (H)	in	M5
Action range/Stroke	mm	10
Length 5 (G)	mm	5,5
Length 6 (L)	mm	4
Length 7 (R)	mm	60
Thread 3 (S)	in	M12x1
Width (M)	mm	10
Width 2 (N)	mm	15
Width 3 (P)	mm	10
Recommended suction cup size, max.	-	Ø30mm (Area: 700mm2)
Spring constant	N/mm	0.21
Spring force, max.	N	4.1
Spring force, min.	N	1.9

Dimensional drawings