

Datasheet

Level compensator LC12-F0510, M5 female, stroke 10

Item number: 01.27.103



- 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.	lbf	1.12
Load, vertical, max.	lbf	5.62
Temperature, max.	°F	140.0
Temperature, min.	°F	32.0
Weight, min.	oz	0.60
Volume	in ³	0.013
Length (B)	in	0.22
Length 2 (C)	in	0.67
Length 3 (D)	in	0.98
Length 4 (F)	in	0.31
Thread	in	M5
Thread 2 (H)	in	M5
Action range/Stroke	in	0.39
Length 5 (G)	in	2.17
Length 6 (L)	in	0.16
Length 7 (R)	in	2.36
Thread 3 (S)	in	M12x1
Width (M)	in	0.39
Width 2 (N)	in	0.59
Width 3 (P)	in	0.39
Recommended suction cup size, max.	-	Ø30mm (Area: 1.09 in ²)
Spring constant	lbf/in	1.20
Spring force, max.	lbf	0.92
Spring force, min.	lbf	0.43

Dimensional drawings

