

Datasheet

Level compensator LC20-F1425, G1/4" female, stroke 25

Item number: 01.24.955



- 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	6.74
Load, vertical, max.	lbf	33.72
Temperature, max.	°F	140.0
Temperature, min.	°F	32.0
Weight, min.	oz	2.26
Volume	in³	0.15
Length (B)	in	0.39
Length 2 (C)	in	0.91
Length 3 (D)	in	1.97
Length 4 (F)	in	0.59
Thread	in	G1/4"
Thread 2 (H)	in	G1/4"
Action range/Stroke	in	0.98
Length 5 (G)	in	0.39
Length 6 (L)	in	0.24
Length 7 (R)	in	4.45
Thread 3 (S)	in	M20x1.5
Width (M)	in	0.63
Width 2 (N)	in	0.94
Width 3 (P)	in	0.63
Recommended suction cup size, max.	-	Ø80mm (Area: 7.75 in²)
Spring constant	lbf/in	1.54
Spring force, max.	lbf	2.47
Spring force, min.	lbf	0.92

Dimensional drawings

