

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 | in ³ | 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 in ²) |
| Spring constant | lbf/in | 1.54 |
| Spring force, max. | lbf | 2.47 |
| Spring force, min. | lbf | 0.92 |

Dimensional drawings

