

# Level compensator LC25-M3840, G3/8" male, stroke 40

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- 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               | 60                                   |
| Load, vertical, max.               | N               | 350                                  |
| Temperature, max.                  | °C              | 60                                   |
| Temperature, min.                  | °C              | 0                                    |
| Weight, min.                       | g               | 164                                  |
| Volume                             | cm <sup>3</sup> | 7.4                                  |
| Length (B)                         | mm              | 11                                   |
| Length 2 (C)                       | mm              | 33                                   |
| Length 3 (D)                       | mm              | 71                                   |
| Length 4 (F)                       | mm              | 18                                   |
| Thread                             | in              | G3/8"                                |
| Thread 2 (H)                       | in              | G3/8"                                |
| Action range/Stroke                | mm              | 40                                   |
| Length 5 (G)                       | mm              | 9,5                                  |
| Length 6 (L)                       | mm              | 8                                    |
| Length 7 (R)                       | mm              | 162                                  |
| Thread 3 (S)                       | in              | M25x1.5                              |
| Width (M)                          | mm              | 22                                   |
| Width 2 (N)                        | mm              | 32                                   |
| Width 3 (P)                        | mm              | 22                                   |
| Recommended suction cup size, max. | -               | Ø125mm (Area: 12000mm <sup>2</sup> ) |
| Spring constant                    | N/mm            | 0.27                                 |
| Spring force, max.                 | N               | 16.5                                 |
| Spring force, min.                 | N               | 5.6                                  |

# Dimensional drawings

