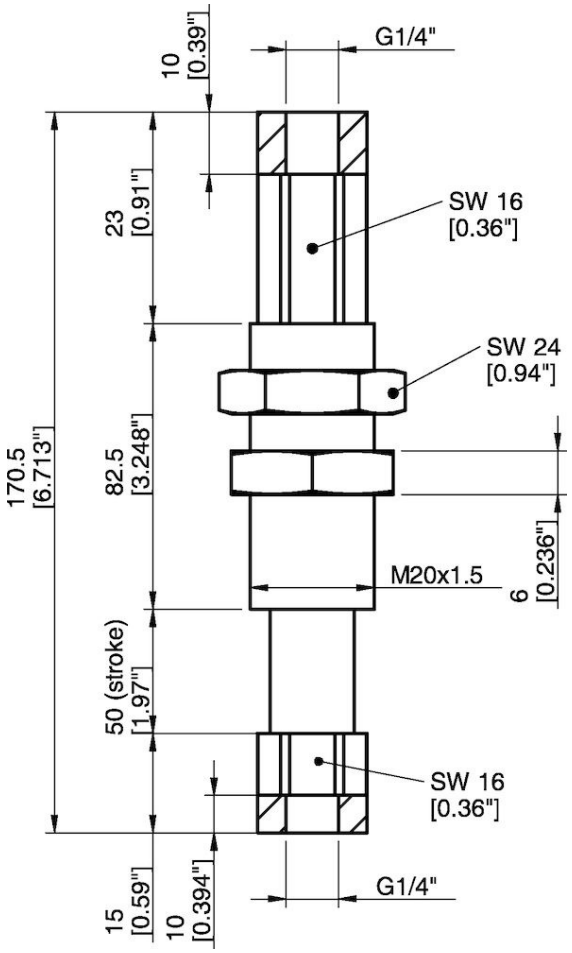
Datasheet

Level compensator LC20-F1450, G1/4" female, stroke 50

Article number: 0124957

- 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	30
Load, vertical, max.	N	150
Temperature, max.	°C	60
Temperature, min.	°C	0
Weight, min.	g	90
Volume	cm^3	4.1
Length (B)	mm	10
Length 2 (C)	mm	23
Length 3 (D)	mm	82,5
Length 4 (F)	mm	15
Thread	in	G1/4"
Thread 2 (H)	in	G1/4"
Action range/Stroke	mm	50
Length 5 (G)	mm	10
Length 6 (L)	mm	6
Length 7 (R)	mm	170,5
Thread 3 (S)	in	M20X1.5
Width (M)	mm	16
Width 2 (N)	mm	24
Width 3 (P)	mm	16
Recommended suction cup size, max.	-	Ø80mm (Area: 5000mm2)
Spring constant	N/mm	0.14
Spring force, max.	N	11.4
Spring force, min.	N	4.3

Dimensional drawings