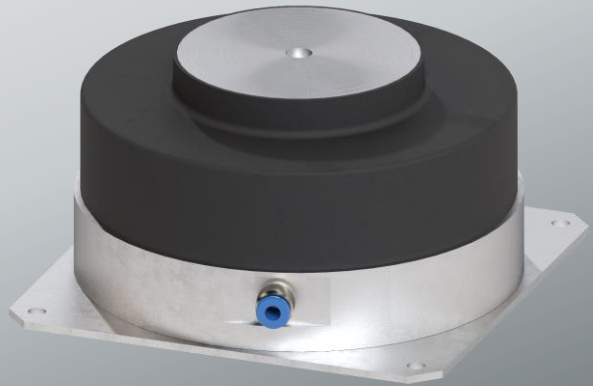


EFFBE Levelmount®

Stable Level Mount (SLM)



Elastomer air spring for effective vibration isolation and shock absorption for machines and aggregates

Overview

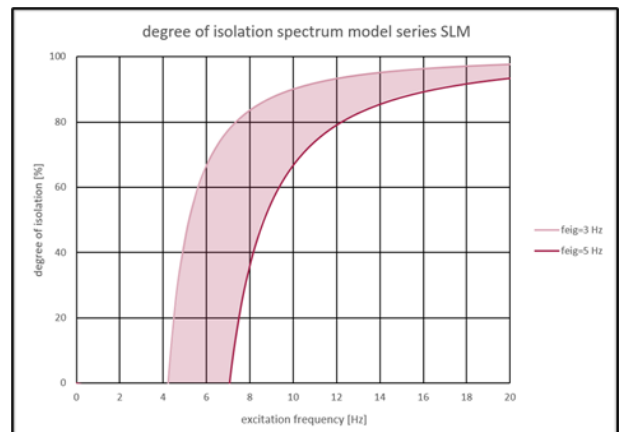
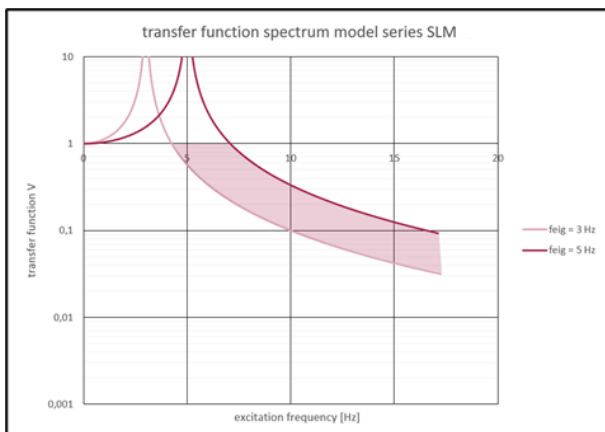
- Elastomer air spring
- Natural frequency 3-5 Hz
- Various sizes (up to 100 kN per element)

Area of application

Vibration isolation and shock absorption for

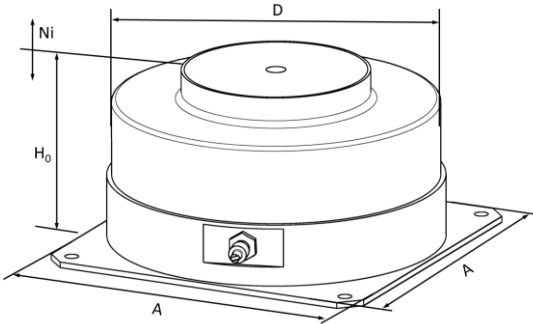
- Presses
- Compressors and aggregates
- Foundations
- Special machines

Performance



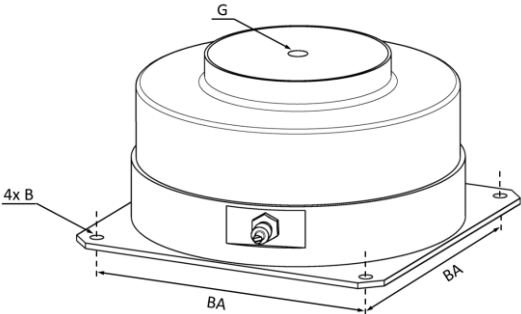
Max. load and dimensions

Type	D [mm]	H ₀ [mm]	Ni [mm]	A [mm]	Max. Load [kN]
SLM 1	73	65	+/-5	75	0,7
SLM 3	105			105	1,8
SLM 6	127	90	+/- 6	130	2,8
SLM 12	172			175	6,0
SLM 24	245			255	13,0
SLM 48	338			343	26,0
SLM 72	380			385	38,0
SLM 96	468			470	55,0
SLM 144	550			555	76,0
SLM 192	610			610	100,0



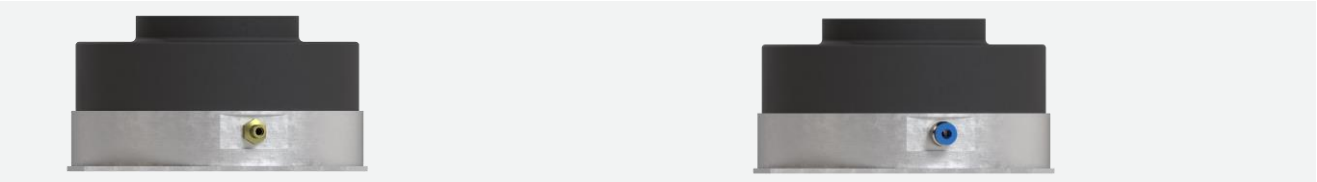
Connection dimensions

Type	G [mm]	B [mm]	BA [mm]
SLM 1	M10	7	75
SLM 3	M12		105
SLM 6			130
SLM 12			153
SLM 24	M16	14	215
SLM 48			305
SLM 72	M24 x 1,5	20	310
SLM 96	M24		406
SLM 144	M24 x 1,5		480
SLM 192	M24		508



Connection variants

- Schrader valve
- PushFit (6 mm)
- Check valve; manual pressurization
- Constant supply pressure; pressure adjustment via pressure regulator



SLM with Schrader valve

SLM with PushFit connection

Assembly instructions

The air spring elements must be completely covered. Otherwise, it is mandatory to use a mounting plate.

