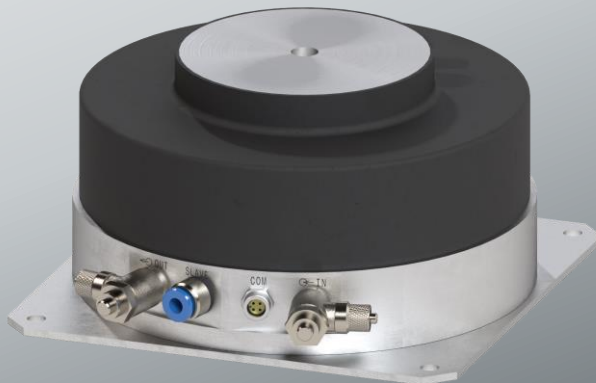


EFFBE Levelmount®

Stable Level Mount (SLM-IC)



Elastomer air spring with integrated electro pneumatic level control for effective vibration isolation and shock absorption for machines and aggregates.

Overview

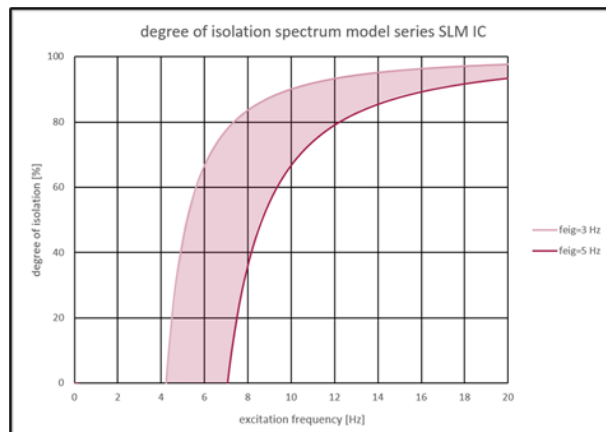
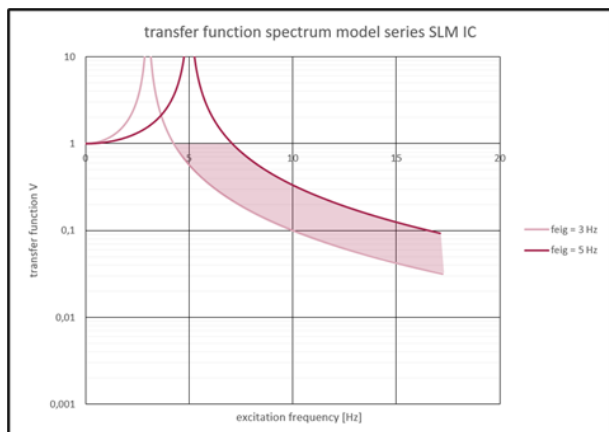
- Elastomer air spring
- Natural frequency 3-5 Hz
- Various sizes (up to 100 kN per element)
- Leveling of ± 6 mm possible
- Electro pneumatic control unit with interface to ALC software
- Digital inputs and outputs as interface to the machine or bus system

Area of application

Vibration isolation and shock absorption for

- CMM
- Presses
- Weaving machines
- Special machines

Performance

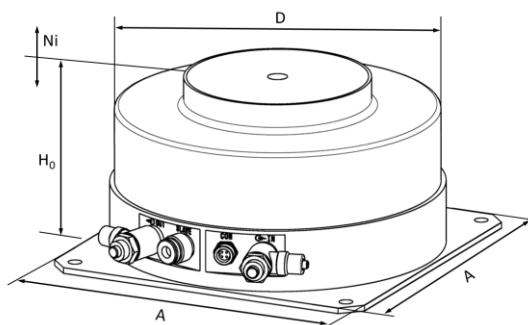




Front view SLM-IC

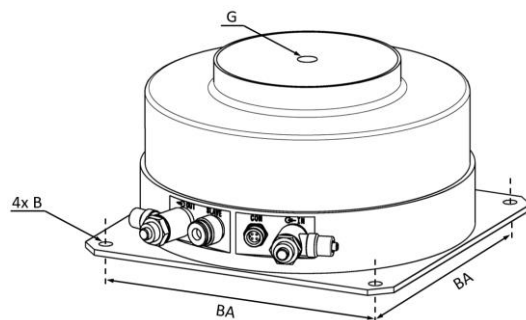
Max. load and dimensions

Type	D [mm]	H ₀ [mm]	Ni [mm]	A [mm]	Max. load [kN]
SLM 12	172	90	+/- 6	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 12	M12	7	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 and environmental conditions

Power supply	24V DC, max. 0.6 A
Pressure supply	6 bar (DIN ISO 8573-1 [1-3-2])
Environmental temperature	0°C to 80°C
Humidity	< 80 %

Assembly instructions

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

