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## Effbe SLM Mounts

### Pneumatic Isolators

The SLM Pneumatic Isolator is a low height, low stiffness air spring suitable for both passive and dynamic applications where a support natural frequency of 3 - 5 Hz is required.

Typical passive applications include the protection of vibration sensitive equipment such as co-ordinate measuring machines, metrology inspection devices, isolation tables and electron microscopes.

Dynamic applications such as power presses, compressors and high-speed punch presses should use the SLM-D series with viscose damping.

The SLM Isolator has a Neoprene Rubber body with steel reinforcing hoops, aluminium base plate and a steel or aluminium top support plate complete with a tapped hole.

Inflation is either through the 'moulded in' standard tyre valve or by connection to a permanent air supply.



### Benefits

- Air spring isolator with integral heavy wall construction.
- Deflection transfers shock to outer wall .
- Will not "bottom out ".
- Continued support & isolation even with no air pressure.
- Combined resiliency and air prevents high static deflection, drift or permanent set.
- Extends machinery life.
- Wide load range available.
- Low maintenance.

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## Technical Specification

Model	Min. Load kg	Max. Load kg	A	B	H	h	ha	C	D	E	F x d	G
			mm	mm	mm	mm	mm	mm	mm	mm		mm
SLM 1 A	6	65	75	60	65	12	±5	73	28	3	M10 x 12	7
SLM 3 A	34	180	105	89	65	12	±5	105	52	3	M12 x 13	7
SLM 6 A	55	280	130	108	90	15	±6	127	60	3	M12 x 13	7
SLM 12 A	110	600	175	153	90	15	±6	172	96	3	M12 x 13	7
SLM 24 A	225	1300	255	215	90	15	±6	245	138	5	M16 x 17	14
SLM 48 A	375	2600	343	305	90	15	±6	338	205	5	M16 x 17	14
SLM 96 A	1090	5500	470	406	90	15	±6	468	300	6	M24 x 22	20
SLM 192 A	1900	10000	610	508	90	15	±6	610	430	8	M24 x 22	20

