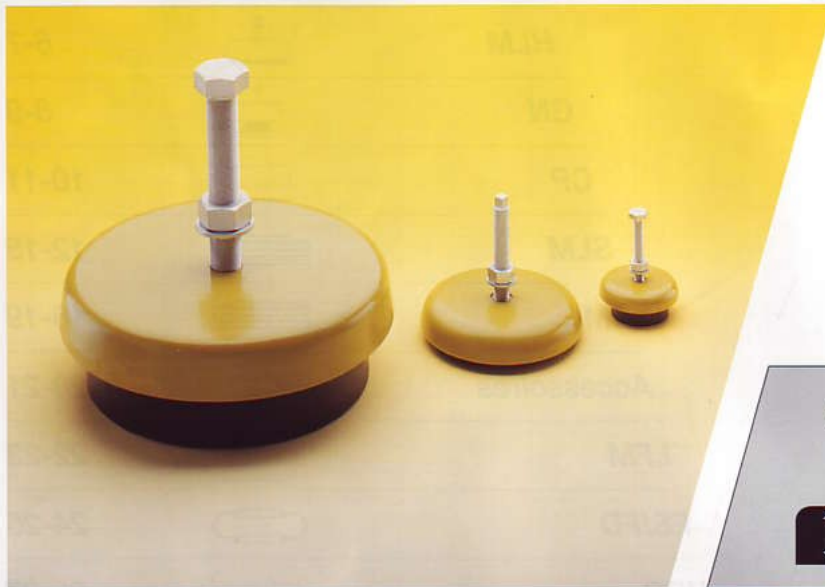


LM-Series



Structure

Elastomer-metal-combination
compact design
integrated levelling system
7 sizes in 3 shore hardnesses

Features

Active and passive supports
vibration isolation, shock absorption,
structure-borne sound insulation
anchor-free installation
load range 10 daN - 11 000 daN
natural frequency (stat.) 6 Hz - 20 Hz
fine-pitch thread

Range of application

see load table on page 3

Materials

Elastomer parts in CR grade with high elasticity,
oil resistance and non-aging outer cap made of
St W 23 or GG, metal surface painted yellow,
forged pressure plate, bolt DIN 961
(M 10/M 12 DIN 933),
grade 8.8 galvanized.

Levelling

Levelling range max. 5 - 30 mm

Remarks

Special type BA = bottom plate
Screws with 4 kt cap screw

Options:
Metal parts galvanized
Metal parts made of stainless steel
Special grade elastomer

Scope of delivery

Standard with fastening screw
BA type without anchor bolt

Ordering example

Standard	LM 5-42
Standard variants	LM 5-42 4kt screw
	LM 5-42, screw length xx mm
Special types	according to customer's specifications

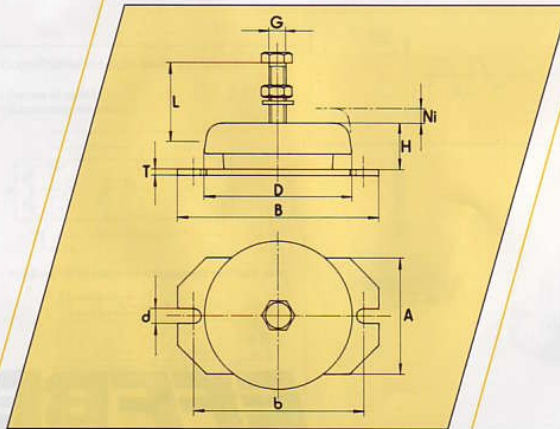
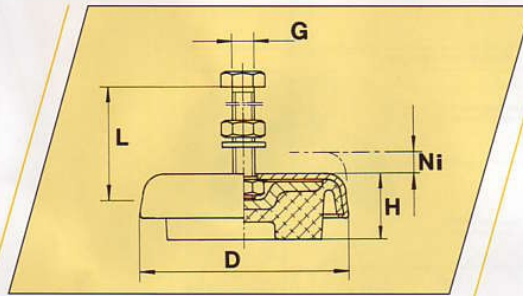
LM-Series	1-4	1-6	1-11	3-11	3-25	3-33	5-27	5-42	5-55	6-60	6-80	6-66	7-65	7-100	7-77	8-250	8-250 X1
Load per element in daN																	
Presses, general, number of strokes up to 100/min (max.)	200	320	450	500	700	1000	900	1300	2000	1800	3000	3500	4000	5000	6500	10000	9000
Excentric presses and automatic punching machines, number of strokes 300/min (max.)	130	240		400	600		700	950		1300	2300		3000	4000		7000	6000
Please contact us for higher stroke numbers																	
Lathes			220		300	420		500	1000	700	1200	2000	1100	1700	3000	2500	
Milling machines			300	250	400	600	400	700	1500	1000	2000	2800	1800	2300	3600	3500	
Surface grinding machines			220		300	420		500	1000	700	1200	2000	1100	1700	3000	2500	
Machines, general	220	380	480	650	900	1200	1100	1600	3000	2500	3500	4000	4600	6400	7200	10000	10000
Static maximum load	260	430	600	880	1200	2000	1400	2200	4000	3200	5000	5500	5200	7000	8000	11000	11000

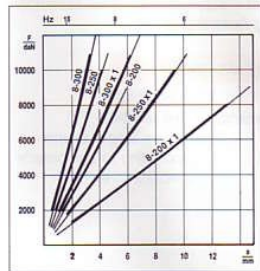
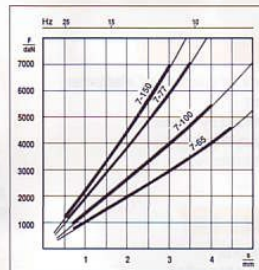
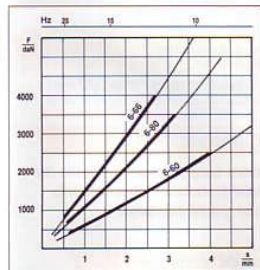
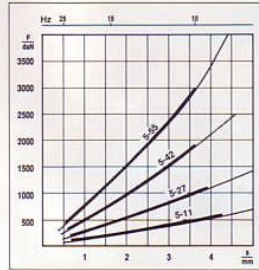
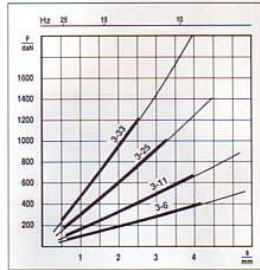
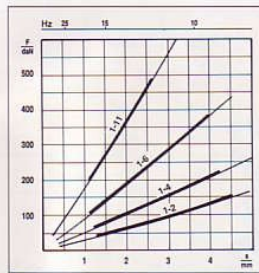
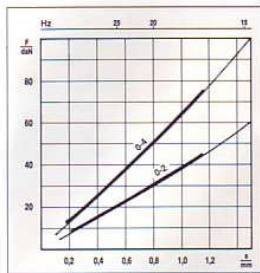
All load capacities stated in the above table are advisory only, and have been computed for cases where the stated types of equipment will remain in position when supported on unanchored mounts. Load ranges in the above table lacking yellow backgrounds represent vibrational-isolation equipment mounts to be custom-tailored to suit particular applications based on performance diagrams.



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LM-Series / Dimensions table Unit: mm	0-2 0-4	1-2 1-4 1-6	1-11	3-6 3-11 3-25	3-33	5-11 5-27 5-42	5-55	6-60 6-80	6-66	7-65 7-100 7-150	7-77	8-200 8-250 8-300	8-200x1 8-250x1 8-300x1	
Standard version														
Diameter	D	40	80	120	160	185	238	315						
Height	H	15	30	25	37	32	41	35	45	39	60	54	70	100
Thread size	G	M 5	M 10	M 12	M 16 x 1.5	M 20 x 1.5	M 24 x 1.5	M 30 x 2						
Screw length	L	30	80	90	100	120	140	160						
Max. predestal thickness		11	43	44	44	58	70	80						
Levelling height	Ni	5	15	20	20	20	20	30						
Weight	kg	0.05	0.4	1.1	2.2	4	8.5	8	19	21				
Bottom plate BA														
Length	B	□ 83	158	220	245	300								
Width	A	□ 83	90	114	150	197								
Thickness	T	3,5	10	10	10	15								
Hole spacing	b	65	140	190	215	265								
Bore	d	8	13	16	20	20								
Weight BA type	kg	0.6	2	3.1	6.6	15								





Bold lines indicate optimal vibration isolation values.

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