

PRODUCT DATA

Shock can be defined as sudden changes of an object's position, velocity and acceleration in a short period of time. Trelleborg's shock mounts are designed to protect structures and equipment from destructive consequences of the shock wave. L and M Type shock mounts are vertical shock mounts that consist of an accelerator and a decelerator. These two components combined protect equipment by absorbing the energy from a shock wave. These mounts are a proven and cost-effective solution for the shock-proof suspension that also provides good vibration isolation, which is ideal for rotating equipment.

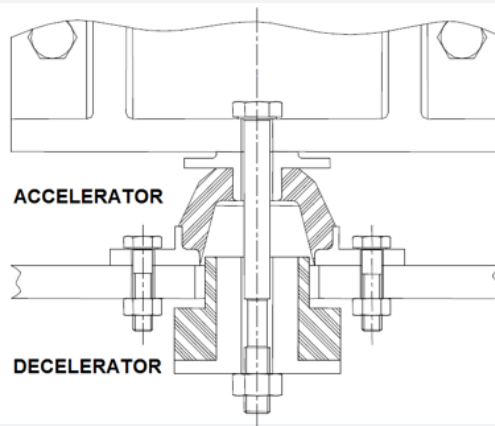
Like other shock mounts from the Trelleborg portfolio, all L and M Type shock mounts are registered under NATO Stock Numbers (NSN). Trelleborg AVS-NL CAGE code is H0040.

CHARACTERISTICS

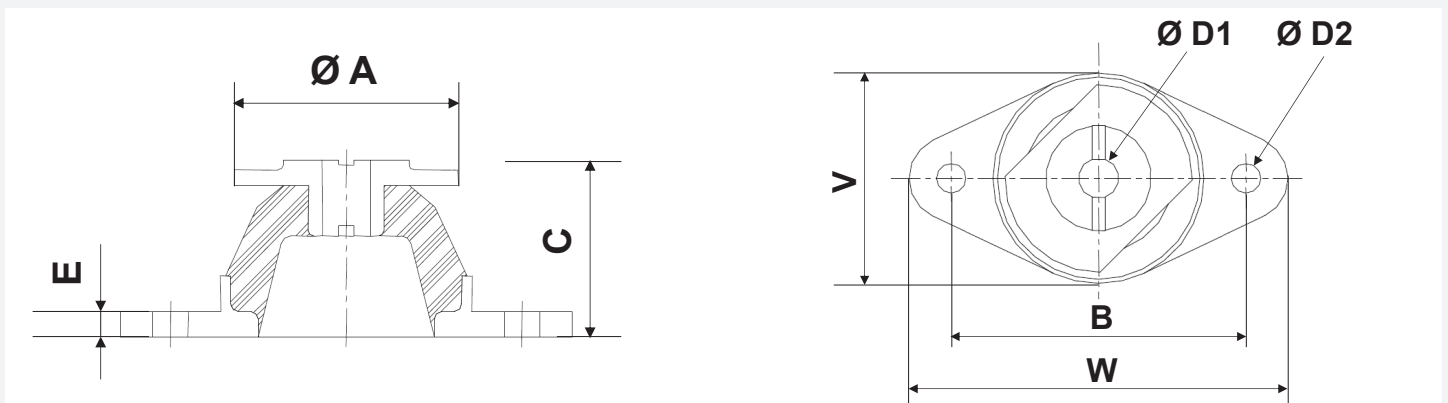
- Made of natural rubber and aluminum bronze
- Captive design (if mounted as illustrated)
- Non-magnetic
- Good vibration isolation
- Painted rubber part (black/standard)
- Nominal load range: from 10 to 450 kg.
- Temperature range: from -30 to 70 °C



TECHNICAL DRAWING

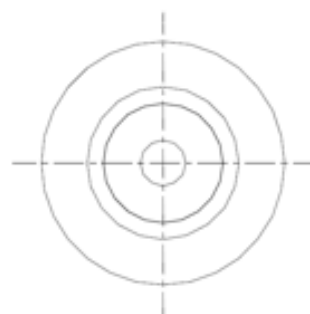
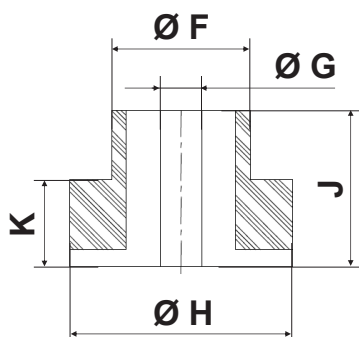


ACCELERATOR



L and M Type Mounts

DECELERATOR



TYPE	ARTICLE NO.	NATO STOCK NO.	DIMENSIONS (MM)								MATCHES DECELERATOR
			Ø A	B	C	Ø D1	Ø D2	E	V	W	
L	115400204	5340-99-541-2542	44	70	35	9,5	7	6	54	86	115400206
L	115400304	5340-99-541-2543	49	76	37	11	7	6	60	92	115400306
L	115400404	5340-99-541-2544	57	89	40	14	11	6	67	111	115400406
L	115400604	5340-99-541-2545	59	92	41	14	11	6	68	114	115400606
L	115401004	5340-99-541-2546	70	105	49	14	11	8	83	127	115401006
L	115401504	5340-99-541-2547	83	124	57	19,5	14	10	95	152	115401506
L	115402504	5340-99-541-2548	89	130	59	21	14	13	102	158	115402506
M	115410004	5340-99-531-8247	168	238	114	22	13,5	25	195	289	115410006

TYPE	ARTICLE NO.	NATO STOCK NO.	DIMENSIONS (MM)					MATCHES DECELERATOR
			Ø F	Ø G	Ø H	J	K	
L	115400206	5340-99-541-2549	32	9,5	51	32	16	115400204
L	115400306	5340-99-541-2550	32	11	51	33	16	115400304
L	115400406	5340-99-541-2551	38	14,5	57	36	19	115400404
L	115400606	5340-99-541-2552	38	14,5	57	38	19	115400604
L	115401006	5340-99-541-2553	45	14,5	67	39	19	115401004
L	115401506	5340-99-541-2554	45	17,5	67	43	19	115401504
L	115402506	5340-99-541-2555	48	20,5	70	44	19	115402504
M	115410006	5340-99-531-8248	44,5	22	82,6	44,4	19	115410004

TYPE	ACCELERATOR/DECELERATOR COMBINATION		NOMINAL LOAD (KG)	STATIC DEFLECTION (MM)	AXIAL NATURAL FREQUENCY (HZ)	MAX. SHOCK DEFLECTION	
						ACCELERATION (MM)	DECELERATION (MM)
L	115400204	115400206	10	3,8	8 / 10	19	9.5
L	115400304	115400306	14	2,8	8 / 10	19	9.5
L	115400404	115400406	18	4,1	9 / 10	19	9.5
L	115400604	115400606	27	4,6	8,5 / 9	19	9.5
L	115401004	115401006	45	5,2	7,5 / 9	25	9.5
L	115401504	115401506	70	5,5	7 / 8	25	9.5
L	115402504	115402506	115	6,0	6,5 / 8	25	9.5
M	115410004	115410006	450	16	4,1 / 5,1	31,7	9.5