

SCHWINGMETALL®
Premium
Product range
Hydromounts

Vibration Control



SCHWINGMETALL® Hydromounts



- ▶ Integrated hydraulic damping
- ▶ Broad band damping
- ▶ Compact design



Hydromount V Series											V	
Spring stiffness				Max. loads			Pull-out-force kN	Weight kg	Elas- to- mer Shore A hardness	Hydro- mounts	Mold no.	Article no.
C _x N/mm	C _y N/mm	C _z N/mm	C _{dyn} N/mm	F _x N	F _y N	F _z N						
15	15	49	250	77	77	300	3	0.200	40	V 250	102216	3978814001
45	45	159	520	194	194	750	9	0.593	45	V 600	100787	3978810001
58	58	228	770	458	458	1500	15	0.775	55	V 1500	54439	3978813001
74	74	290	1080	530	530	1750	15	0.775	60	V 1500	54439	3978812010
115	115	450	1730	750	750	2450	15	0.775	70	V 1500	54439	3978811001
108	108	568	1520	1035	1035	3500	30	1.100	55	V 3200	210182	3978815001

- ▶ Maximum permitted incline to direction of load 15°
- ▶ The mounting flange must be supported over the entire surface outside the dome

Hydromount V Plus Series											V plus
Spring stiffness			Max. loads			Weight kg	Elas- to- mer Shore A hardness	Mold no.	Article no.		
C _x N/mm	C _y N/mm	C _z N/mm	F _x N	F _y N	F _z N						
60	60	160	300	300	600	1.2	40	210736	4000006782		
100	100	300	600	600	1500	1.2	55	210736	4000006507		
150	150	500	800	800	2500	1.2	68	210736	4000006740		

Hydromount K Series											K
Spring stiffness			Max. loads			Weight kg	Elas- to- mer Shore A hardness	Hydro- mounts	Mold no.	Article no.	
C _x N/mm	C _y N/mm	C _z N/mm	F _x N	F _y N	F _z N						
1200	1500	390	4500	6000	1800	1.2	55	K 2000	212745	4000006687	
500	500	250	2500	2500	1500	3.0	40	K 3500 LT	212706	4000006546	
1000	1000	500	5000	5000	3000	3.0	55	K 3500 LT	212706	4000006547	
2400	2400	1000	5000	5000	2500	3.2	65	K 3500	210470	4000005321	

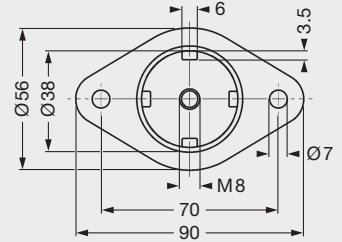
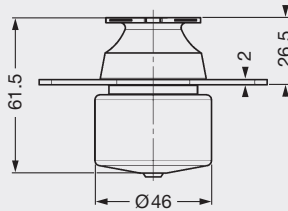
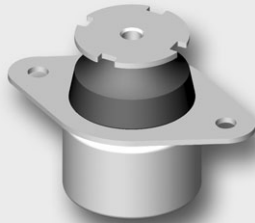
- ▶ Hydromount K 2000 Z-directional stop disk with a diameter of at least 80 mm required.
- ▶ Hydromount K 3500/K 3500 LT: Z-directional stop disk with a diameter of at least 120 mm required.

For characteristic curves, kindly refer to our product range WT 6490.

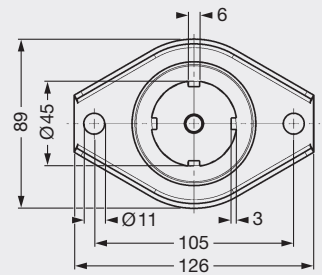
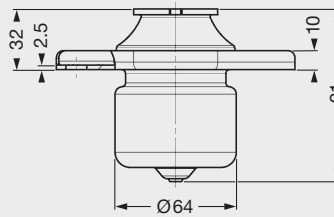
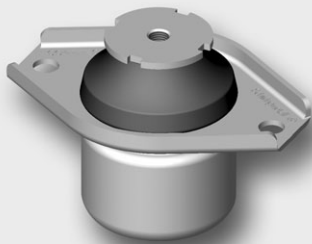


Hydromount V Series V

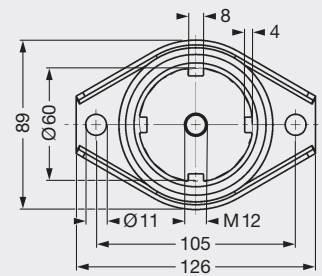
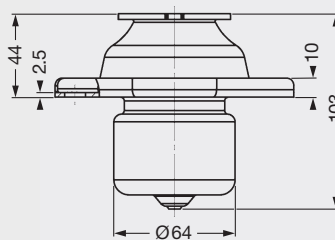
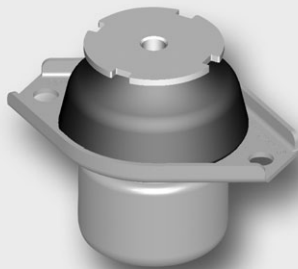
Hydromount V 250



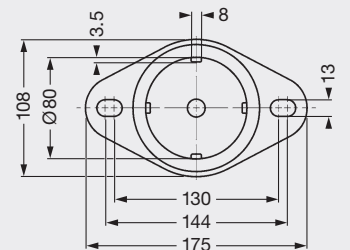
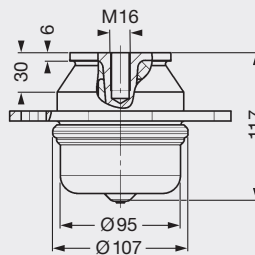
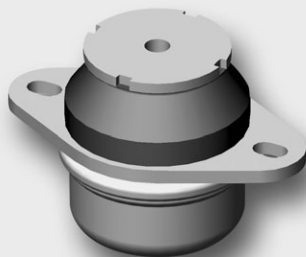
Hydromount V 600



Hydromount V 1500



Hydromount V 3200

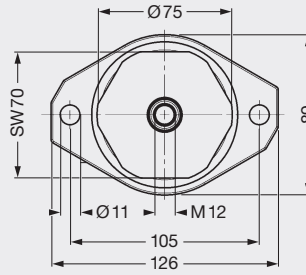
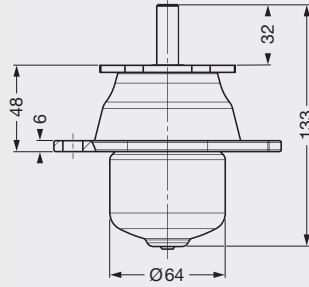
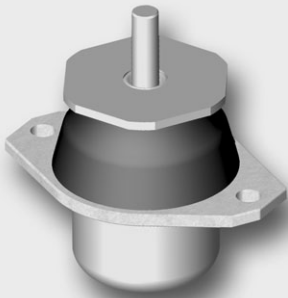




Hydromount V Plus Series

V plus

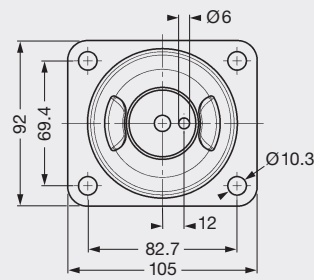
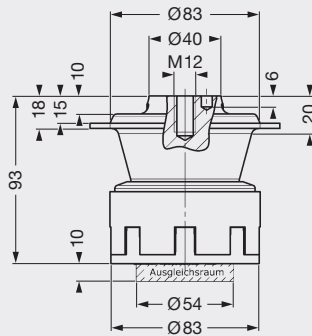
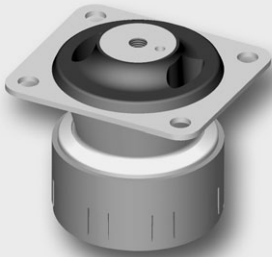
Hydromount V 1500 plus



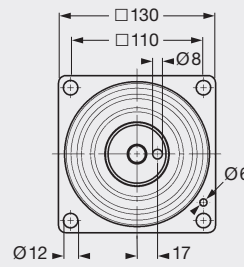
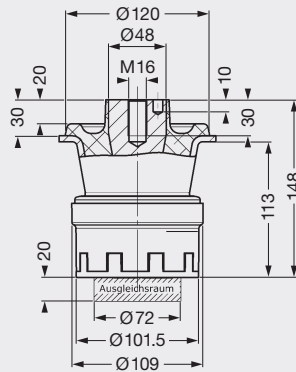
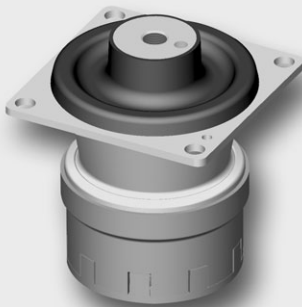
Hydromount K Series

K

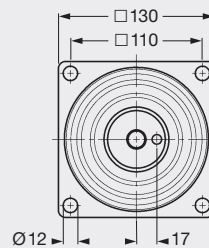
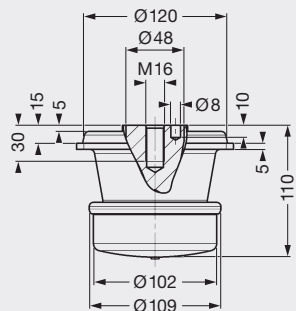
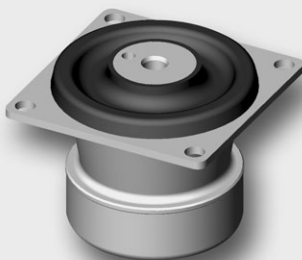
Hydromount K 2000



Hydromount K 3500 LT



Hydromount K 3500





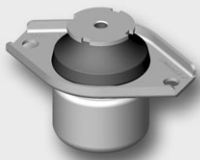
Our hydromounts are components with properties and functions capable of satisfying high demands. They ensure reliable elastic suspension solutions at the highest technical level in all areas of machine, engine and industrial vehicle manufacturing and are suitable for power units and equipment with continuous and

periodic excitation forces. They minimize the transfer of vibration in the case of engine, cab and transmission mounts, to cite a few examples.

The components provide exceptionally good damping characteristics.

Hydromount V Series

V

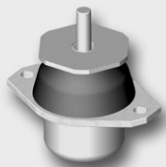


This series is intended for small to medium loads and is especially interesting for this very range, in which disturbing impulses occur alongside vibrations and a rapid attenuation of the system's vibrations is required (example: engine mounts for industrial vehicles). This is achieved by broadband hydraulic damping.

		Load ¹⁾	Natural frequency ²⁾
		from	to
	Mounting component with integrated hydraulic damping. Also suitable for absorbing impact energy.	10 kg	400 kg
			370 min ⁻¹

Hydromount V Plus Series

V plus

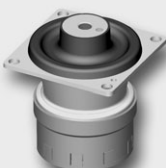


These hydromounts offer integrated, broad band vertical damping and thus do a good job of damping impacts. They feature an integrated rebound stop. The mounts' principle area of application includes cab mounts on forklifts and engine mounts on various industrial vehicles, from light forklifts to heavy construction-site machines.

		Load ¹⁾	Natural frequency ²⁾
		from	to
	Hydromount V 1500 plus in compact design with integrated hydraulic damping.	50 kg	250 kg
			420 min ⁻¹

Hydromount K Series

K



With their pronounced lateral stiffness and hydraulic damping in vertical direction, the sturdy Series K hydromounts are especially well suited for the suspension of medium-sized cabs in construction-site and agricultural machines. They are, however, just as well suited for mounting larger engines. Also available as cone mounts (without hydraulic damping).

		Load ¹⁾	Natural frequency ²⁾
		from	to
	Providing very good lateral stiffness for medium size loads.	100 kg	350 kg
			500 min ⁻¹

¹⁾ The loads refer to the maximum capacity utilization. ²⁾ The natural frequencies refer to the lowest standard elastomer hardness under maximum load.

www.contitech.de

www.contitech.de/vibrationcontrol

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Vibration Control

Market segments

Vibration Control Automotive

Vibration Control Industry

Sealing Systems Chassis

Certificates



VDA 6.1



QS-9000



EN ISO 9001



EN ISO 14001

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