

Three way protection

Fabreeka Cupmounts of the VSC-Series combine protection against severe shock with efficient vibration isolation characteristics. The mounts also interrupt structure-borne noise. They can be mounted in any orientation for protection of sensitive electronic, electrical, and mechanical equipment from high impact shocks. The Fabreeka Cupmounts can support loads radially and in both compression and tension axially.

Land, sea and air uses

Their great resistance to severe shock makes cupmounts ideal for protecting sensitive equipment on rough-terrain vehicles or railroad cars. Factories of all types use them for everything from numerically controlled machinery or electronic control panels to blowers. They stand guard against shock on shipboard equipment, shipping containers and both aircraft and missile electronics. The oil resistance standard cupmounts operate over a temperature range of -30°C to $+80^{\circ}\text{C}$. For more severe environments, choose optional silicone elastomers to provide increased corrosion resistance and operation over an even wider temperature range of -50°C to $+150^{\circ}\text{C}$.

Fail safe construction

Available in four basic sizes, these compact, low profile isolators have interlocking components of steel (other metals like Aluminium and Stainless Steel available) containing standard neoprene or high damped silicone (HDS) elastomers. They can be used to mount your equipment in compression, tensions and shear applications. No matter how the mount is oriented or the load is directed, the elastomer is in compression.

Military quality

Cupmounts from the VSC-Series meet the VG-95369 specifications for elastomer-springelements and the MIL-E-5400 and MIL-S-901C standards.

For allowable loads and sizes for the VSC-Series Cupmount elements please refer to the following diagrams and tables.

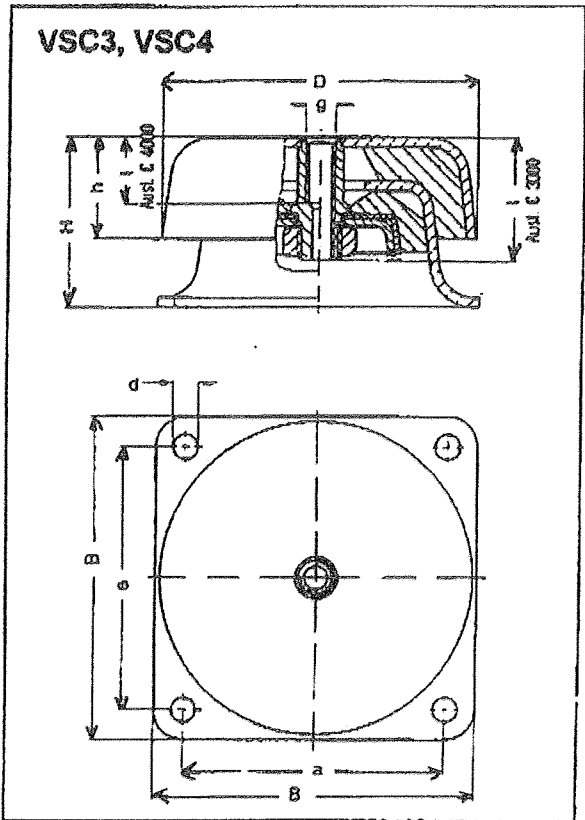
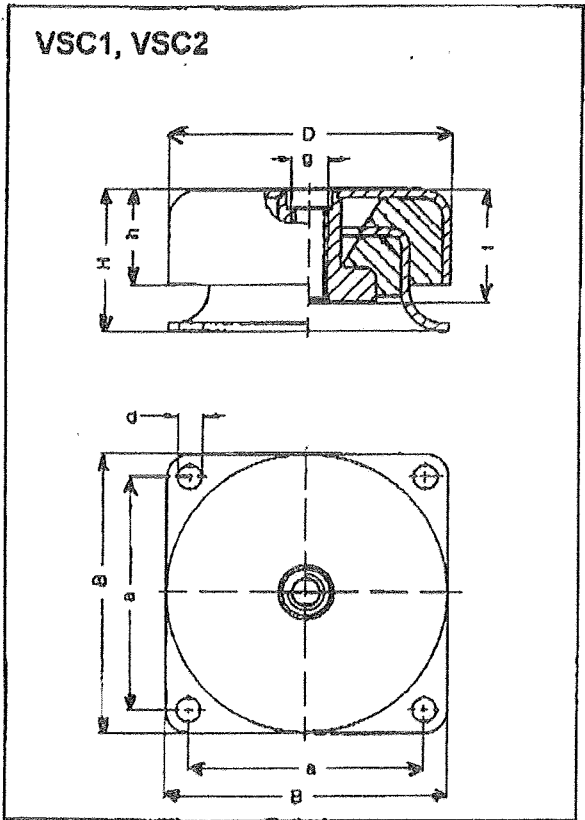


Manufacturing Plants

USA • Canada • United Kingdom • The Netherlands • Germany

VAT Registration No. 100 0665 40

SIZES



Sizingtable

Type	a	B	D	d	g	t	H	h	Weight [kg]
VSC1	49,5	60	58	5,5	M6/M8	20	28	18	0,20
VSC1-B1	61,0	77	58	9,0	M10	20	28	18	0,25
VSC2	63,5	76	76	6,4	M10/M12	30	38	25	0,45
VSC2-B1	74,0	90	76	9,0	M12	30	38	25	0,55
VSC3	108,0	133	124	11,9	M16	19	63	38	1,80
VSC4	143,0	175	168	13,5	M16	65	90	59	4,50

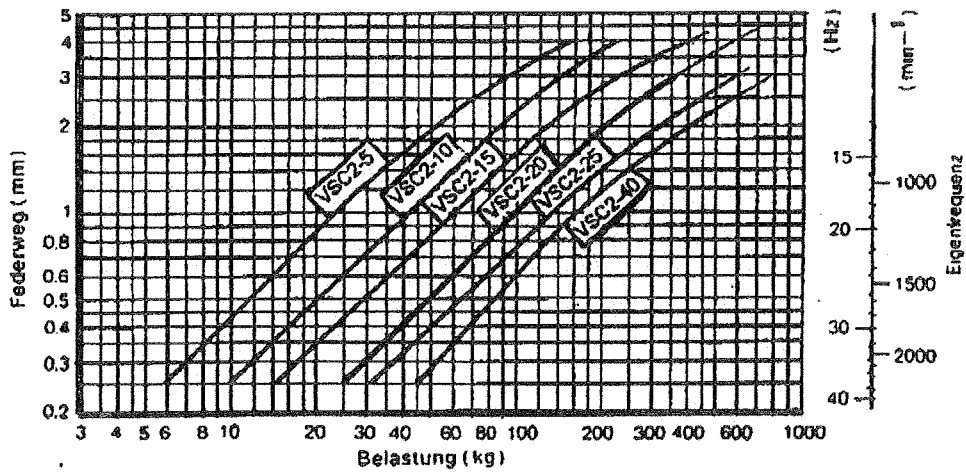
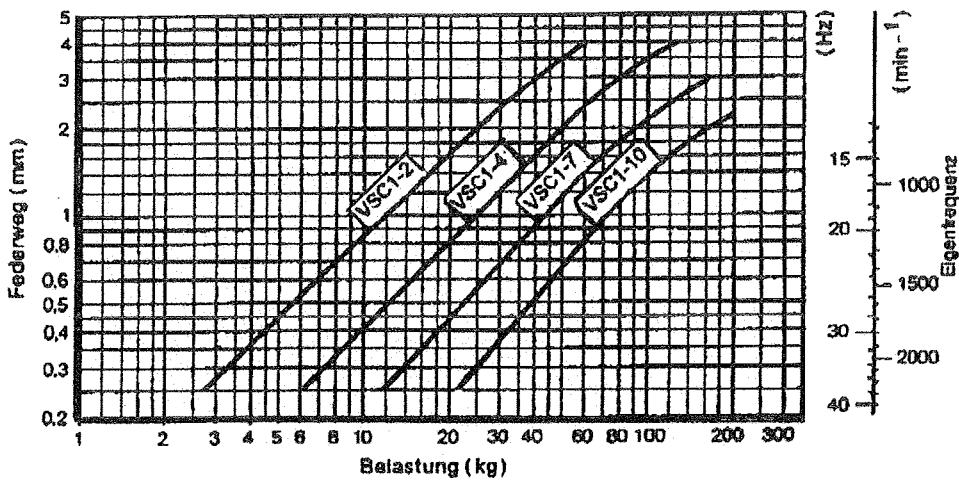
How to order

Elastomer		Metal parts		Footplate	
Prefix	Material	Prefix	Material	Prefix	Size
C	Chloroprene	S	Galvanized Steel	none	normal
S	HDS	A	Stainless Steel	B1	enlarged
		L	Aluminium		

Ordering example: VSC2-15S-SM10B1

VSC	2	15	S	S	M10	B1
Cupmount Series	Size 2	Loading, see table	Silicone	Galvanized	M10 thread	enlarged footplate

Type Cupmount	Stationary Application		Mobile Application	
	Static load in Kg.	Natural Frequency	Static load in Kg.	Natural Frequency
VSC1-2	6,5-16	16-25 Hz	3-6,5	25-35 Hz
VSC1-4	14-35	16-25 Hz	7-14	25-35 Hz
VSC1-7	25-60	16-25 Hz	14-25	25-35 Hz
VSC1-10	45-100	16-25 Hz	25-45	25-35 Hz
VSC2-5	14-35	16-25 Hz	9-14	25-30 Hz
VSC2-10	25-60	16-25 Hz	14-25	25-30 Hz
VSC2-15	35-90	16-25 Hz	25-35	25-30 Hz
VSC2-20	55-140	16-25 Hz	35-55	25-30 Hz
VSC2-25	70-200	16-25 Hz	50-70	25-30 Hz
VSC2-40	90-250	16-25 Hz	65-90	25-30 Hz



Type Cupmount	Stationary Application		Mobile Application	
	Static load in Kg.	Natural Frequency	Static load in Kg.	Natural Frequency
VSC3-25	40-210	12-25 Hz	25-70	20-30 Hz
VSC3-40	65-350	12-25 Hz	45-110	20-30 Hz
VSC3-65	90-300	12-25 Hz	60-1690	20-30 Hz
VSC3-90	130-750	13-25 Hz	80-230	20-30 Hz
VSC4-60	50-350	12-25 Hz	30-90	20-30 Hz
VSC4-80	75-450	12-25 Hz	45-120	20-30 Hz
VSC4-140	100-600	12-25 Hz	65-170	20-30 Hz
VSC4-180	200-1000	12-25 Hz	140-325	20-30 Hz

