

# VIBCABLE



(1) Natural frequency:  
5 to 25 Hz

## DESCRIPTION

This range of mountings has a stainless steel cable wound between light alloy bars. The 8010 to 8060 versions are assembled using stainless steel clips and the 8080 to 8140 models have galvanised steel screws.

There are two or four mounting holes, by bar, smooth, counter sunk or tapped.

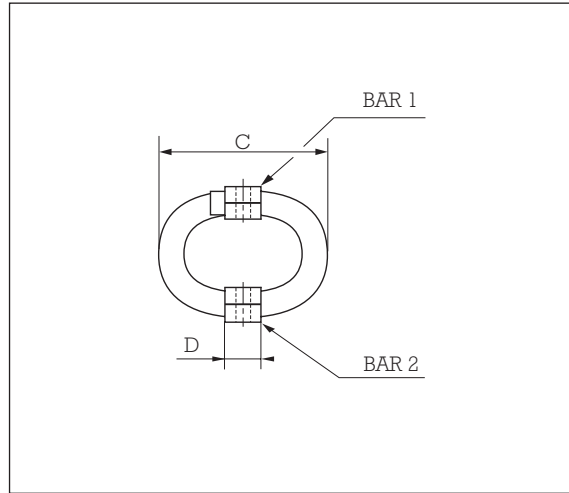
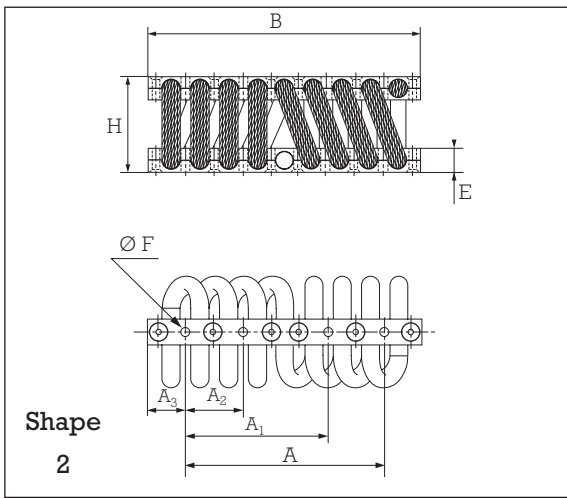
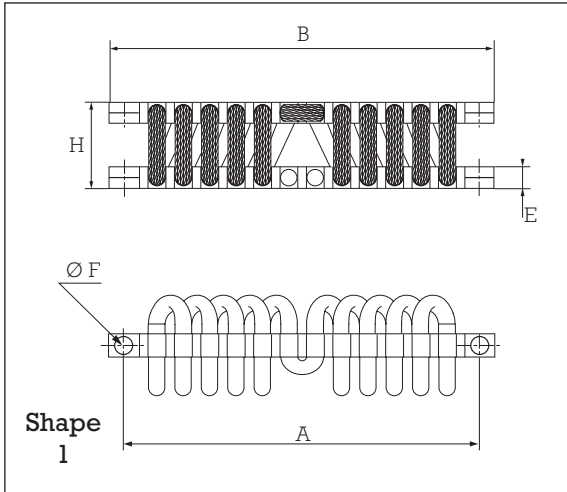
## APPLICATIONS

With a natural frequency between 5 and 25 Hz, damping up to 40% and high deflection in all directions, these dampers can absorb accelerations to equipment subjected to shock or drop.

Protection of equipment in containers, protection of racks and any fragile on board equipment.

(1) Natural frequencies with max/min loads, see: OPERATING CHARACTERISTICS.

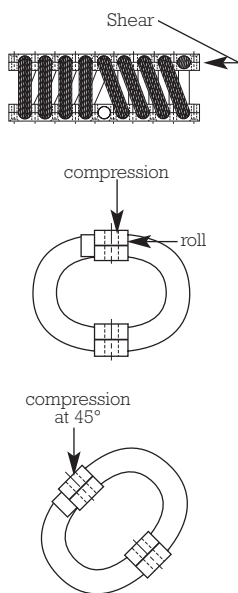
# DIMENSIONS



Reference	Shape	A mm	B mm	C (mm) depending on version		D mm	E mm	F mm (2 fixing holes)		H (mm) depending on version					
				min.	max.			tapped	threaded	01	02	03	04	05	06
V3CA8010-01 to -06	1	68	82	25	38	10	5	4	M4	18	26	20	28	30	33
V3CA8020-01 to -06	1	100	112	29	43	12.5	6	5	M5	21	31	35	25	28	38
V3CA8030-01 to -06	1	114	127	37	49	14	8	6	M6	28	30	33	36	38	41
V3CA8040-01 to -03	1	114	127	37	44	14	8	6	M6	28	33	38	-	-	-
V3CA8060-01 to -06	2	114	127	37	95	14	10	6	M6	38	43	87	43	31	34
V3CA8080-01 to -06	2	131	146	57	102	16	13	6	M6	48	54	60	64	80	90

Reference	Shape	A mm	A <sub>1</sub> mm	A <sub>2</sub> mm	A <sub>3</sub> mm	B mm	C (mm) depending on version		D mm	E mm	F mm (4 fix. holes)		H (mm) depending on version					
							min.	max.			tapped	thread.	01	02	03	04	05	06
V3CA8090-01 to -06	2	156	111	44.5	30	216	80	135	25	16	8	M8	70	74	89	110	68	77
V3CA8100-01 to -06	2	156	111	44.5	30	216	92	150	25	20	8	M8	75	89	95	110	83	108
V3CA8110-01 to -06	2	191	136.5	54.5	38.1	267	102	170	25	25	10	M10	90	95	100	100	110	150
V3CA8120-01 to -04	2	266.5	190.5	76	50.5	370	140	195	40	40	12	M12	132	150	160	160	-	-
V3CA8140-01 to -02	2	378	270	108	70.8	520	224	248	50	50	18	M18	180	218	-	-	-	-

# OPERATING CHARACTERISTICS



Reference	Static load range in daN																	
	Compression						Compression at 45°						Roll/Shear					
Version	01	02	03	04	05	06	01	02	03	04	05	06	01	02	03	04	05	06
V3CA8010-01 to -06	5	2.5	4	2	1.8	1.5	3.5	2	3	1.8	1.5	1.4	3	1	2.5	0.9	0.7	1
V3CA8020-01 to -06	10	5	5	10	10	6	10	5	4	8.5	7	4	7.5	2.5	3	6	5	3
V3CA8030-01 to -06	20	20	20	15	15	12	18	15	14	10	10	10	10	10	10	8	7	7
V3CA8040-01 to -03	20	20	15	-	-	-	20	15	10	-	-	-	10	10	7.5	-	-	-
V3CA8060-01 to -06	60	50	15	40	80	80	50	30	12	30	60	50	30	20	5	20	40	40
V3CA8080-01 to -06	75	75	50	40	25	25	50	50	35	30	15	14	25	25	20	15	12	10
V3CA8090-01 to -06	100	75	50	50	100	100	100	75	50	35	100	75	50	30	30	25	50	50
V3CA8100-01 to -06	200	150	100	50	200	70	200	150	100	50	150	50	120	75	70	40	100	40
V3CA8110-01 to -06	400	350	300	300	180	100	300	200	300	250	180	75	250	200	200	180	100	50
V3CA8120-01 to -04	600	500	400	400	-	-	600	500	400	400	-	-	500	500	400	400	-	-
V3CA8140-01 to -02	1200	1200	-	-	-	-	1200	900	-	-	-	-	700	700	-	-	-	-

1 kg ≈ 1 daN

**- Operating temperature:**

- 180°C to + 300°C.

**- Electrical resistance:**

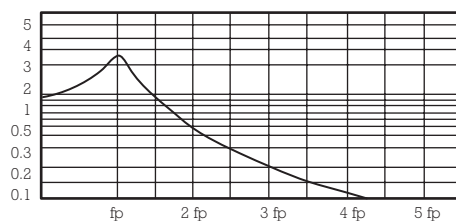
with conducting coating < 210° Ω.

**- Environment:**

The material used are unaffected by harsh environments.

**- Vibration transmission coefficient curves:**

For perfectly free system.



The bars can be supplied with smooth, threaded or countersunk holes. Several combinations are possible:

		Bar 1		
		Smooth holes: L	Threaded holes: N	Countersunk holes: F
Bar 2	Smooth holes: L	LL	NL	FL
	Threaded holes: N	LN	NN	FN
	Countersunk holes: F	LF	NF	FF

- Codification example: V3CA8010-01 LL

