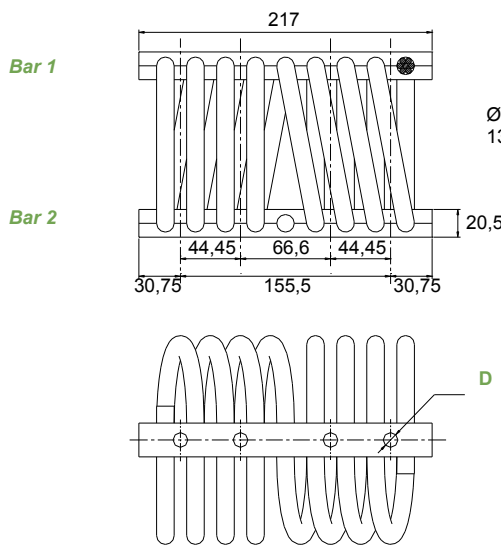


- All metal multidirectional anti-vibration/shock mounts.
- Exceptional reliability and long life.
- High damping.
- No ageing.
- Corrosion resistant.
- Unequalled temperature range : -180°C +300°C.
- Great adaptability/versatility.

Specials on request (material size and number of loops, etc.).

Dimensions are in mm. For reference only.

Series

Materials and finishes (meets RoHS requirements)

CB1400

Cable:
stainless steel (galvanised CBG1400)
Retainer bars:
aluminium alloy/ SurTec
Screws:
alloy steel/ zinc plate
Inserts:
stainless steel

Other materials on request

Model

	height h (mm)	width w (mm)	mass (kg)
-12	76	92	1,8
-15	83	102	2,0
-17	89	105	2,0
-20	95	121	2,2
-30	108	133	2,4
-40	124	143	2,7
-50	137	156	2,9
-60	155	180	3,2
-70	166	186	3,5

Interfaces

fixtures holes D

Bar 2 \ Bar 1	4 through holes ø 8,4mm	4 through holes ø 8,4mm countersunk 90°	4 inserts M8
4 through holes ø 8,4mm	no suffix	not standard	not standard
4 through holes ø 8,4mm countersunk 90°	CM	CM2	not standard
4 inserts M8	IM	CIM	IM2

Example
CB1400-20IM2

C	B	1	4	0	0	-	2	0	I	M	2

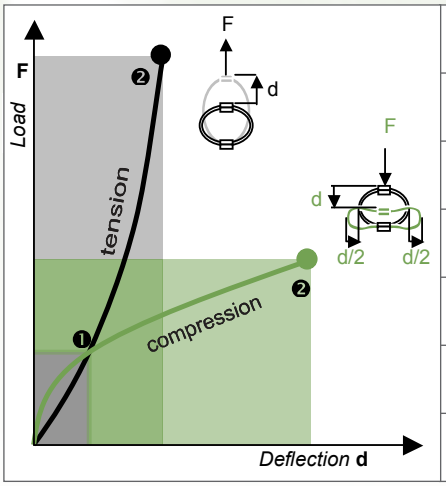
Prefix: 'helical' mount from the CB1400 series

Model: -20 height: 89mm width: 105mm mass: 2,0kg 8 loops

Model: -20-06 = = = 6 loops

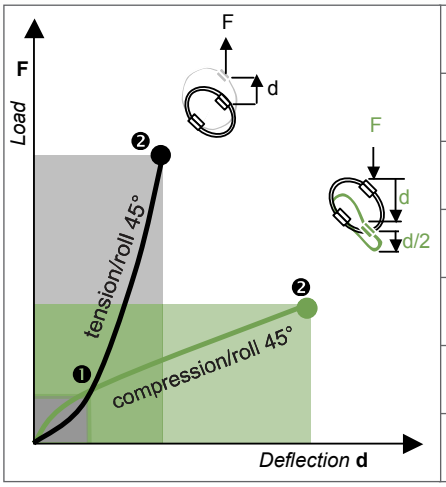
Suffix: IM2 4 inserts M8 in bars 1 and 2

Note: Standard models in this series have 8 loops



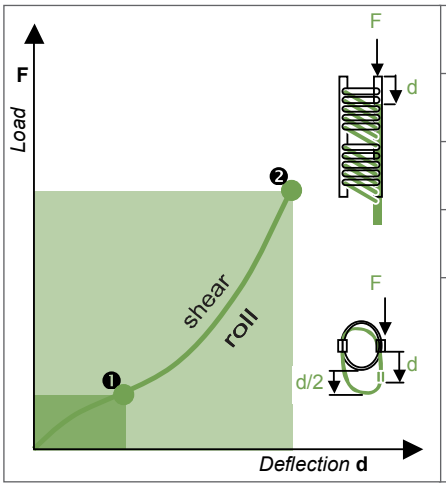
Compression and Tension

CB1400 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60	-70
1. Max Static	F daN	496	416	396	301	261	237	206	162	156
	d mm	5,9	7,0	7,9	9,0	11,1	13,6	15,4	19,0	20,0
2. Max Shock	F daN	1488	1247	1189	903	782	711	618	486	466
	d mm	32	38	43	49	60	75	86	103	113
3. Max Vibration	2a mm	3,5	4,2	4,7	5,4	6,6	8,3	9,5	11,3	12,4
	f Hz	6,5	6,1	5,5	5,5	4,9	4,2	3,9	3,6	3,3
1. Max Static	F daN	496	416	396	301	261	237	206	162	156
	d mm	4,2	5,3	5,5	7,3	8,5	9,4	10,6	13,2	13,6
2. Max Shock	F daN	4184	3642	3276	2821	2327	1920	1648	1336	1228
	d mm	17	22	22	32	35	36	40	52	51
3. Max Vibration	2a mm	1,8	2,4	2,4	3,5	3,9	4,0	4,4	5,7	5,6
	f Hz	10,0	9,0	8,8	7,6	7,1	6,7	6,3	5,7	5,6



Compression/roll 45° - Tension/roll 45°

CB1400 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60	-70
1. Max Static	F daN	372	312	297	226	196	178	154	121	117
	d mm	9,9	12,0	13,7	15,8	19,6	24,7	28,0	34,4	29,5
2. Max Shock	F daN	897	758	714	557	477	425	368	291	277
	d mm	48	57	65	74	90	113	129	155	169
3. Max Vibration	2a mm	5,3	6,3	7,1	8,1	9,9	12,4	14,2	17,0	18,6
	f Hz	5,4	5,1	4,6	4,6	4,0	3,4	3,2	3,0	2,8
1. Max Static	F daN	372	312	297	226	196	178	154	121	117
	d mm	6,6	8,2	8,6	11,4	13,2	14,6	16,5	20,6	21,3
2. Max Shock	F daN	3050	2664	2383	2076	1705	1394	1195	972	889
	d mm	22	29	29	42	47	48	54	69	68
3. Max Vibration	2a mm	2,5	3,2	3,2	4,7	5,2	5,3	5,9	7,6	7,5
	f Hz	8,8	7,9	7,7	6,7	6,2	5,9	5,6	5,0	4,9



Shear or Roll

CB1400 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60	-70
1. Max Static	F daN	248	208	198	151	130	119	103	81	78
	d mm	11,2	13,3	15,0	17,1	21,0	26,2	30,1	36,0	39,6
2. Max Shock	F daN	1367	1169	1035	889	715	569	481	385	349
	d mm	30	37	40	51	60	68	77	95	99
3. Max Vibration	2a mm	3,3	4,1	4,3	5,6	6,5	7,4	8,4	10,4	10,9
	f Hz	7,2	6,5	6,2	5,6	5,1	4,7	4,4	4,0	3,9

1. Max static load (F) with corresponding deflection (d)
2. Max shock load (F) with corresponding deflection (d)
3. Uncoupled resonant frequency (f) under max static loading 1. and max peak to peak sinusoidal vibration input (2a)

*Important: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us.

Typical shock/vibration specifications:

Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 95332.
Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.
Marine	GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, MIL-S-901, STANAG 042, BV 043.73, BV 044.
Others	GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C.