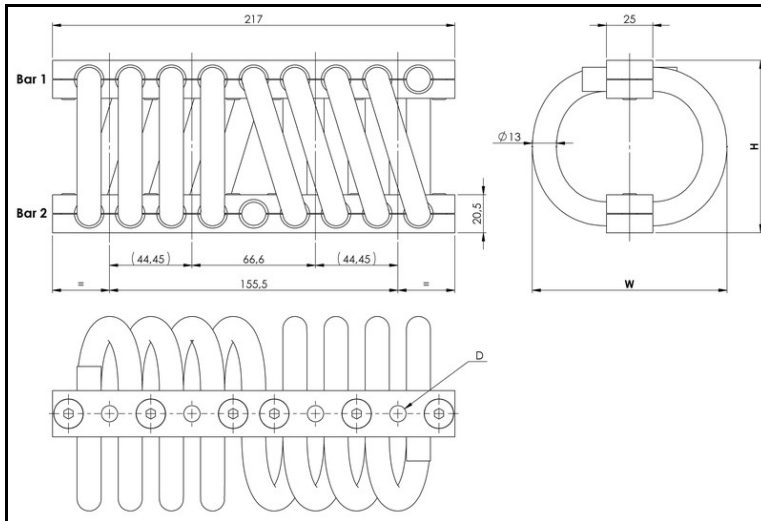


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1400



- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Unequalled temperature range : -180°C to +300°C / -290°F to 570 F
- Great adaptability/versatility

Specials on request

(material size and number of loops, etc.)

Dimensions are in millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
CB1400
Cable: stainless steel galvanized available: CBG
Retainer bars: aluminium alloy/ SurTec
Screws: alloy steel/ zinc plate
Inserts: stainless steel
All stainless steel: CBSS
Other materials on request

MODEL	height H (mm)	width W (mm)	weight (kg)
-12	76	92	1,6
-15	83	102	1,8
-17	89	105	1,9
-20	95	121	2,0
-30	108	133	2,3
-40	124	143	2,5
-50	137	156	2,7
-60	155	180	3,1
-70	166	186	3,2
-80	175	210	3,5

INTERFACES	Bar 1	Bar 2
fixtures holes D	4 through holes ø8,8mm	4 through holes ø8,8mm counter-sunk 90°
Bar 2	no suffix	not standard
4 through holes ø8,8mm	CM	CM2
4 through holes ø8,8mm counter-sunk 90°	IM	CIM
4 inserts M8	IM	CIM

C	B	1	4	0	0	-	1	2	C	I	M
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SERIE: CB1400

'Helical' mount from the CB1400 series

MODEL: -12

height: 76mm

width: 92mm

weight: 1,6kg

loops: serie

standard is 08 loops

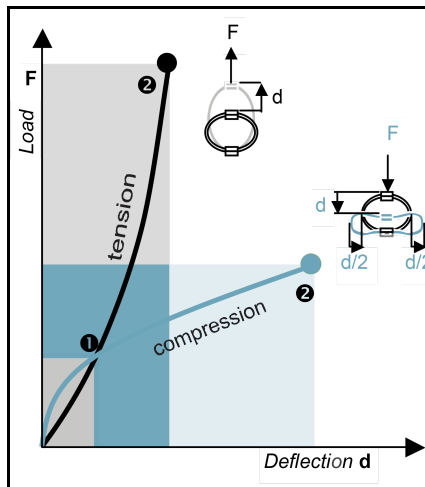
INTERFACE: CIM

4 through holes ø8,8mm

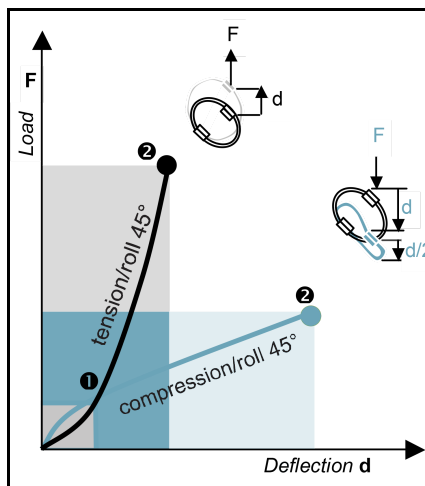
counter-sunk 90° in bar 1,

4 inserts M8 in bar 2

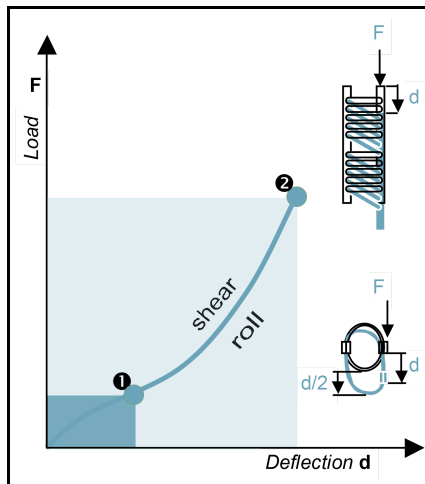




COMPRESSION AND TENSION											
CB1400 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60	-70	-80
1.Max Static	F daN	522	417	392	284	235	206	172	129	122	95,6
	d mm	5,8	7,0	8,0	9,0	11,1	13,7	15,6	18,9	20,1	22,2
2.Max Shock	F daN	1566	1253	1176	852	707	618	518	388	366	286
	d mm	31	37	43	48	60	74	86	102	112	120
3.Max Vibration	2a mm	3,5	4,2	4,8	5,4	6,6	8,2	9,5	11,3	12,4	13,3
	f Hz	6,6	6,1	5,6	5,5	4,9	4,2	3,9	3,6	3,4	3,4
1.Max Static	F daN	522	417	392	284	235	206	172	129	122	95,6
	d mm	4,3	5,4	5,6	7,4	8,6	9,4	10,7	13,3	13,7	16,6
2.Max Shock	F daN	5145	4240	3705	3076	2407	1910	1581	1223	1102	946
	d mm	18	23	23	34	37	38	43	54	54	71
3.Max Vibration	2a mm	2,0	2,6	2,5	3,8	4,2	4,2	4,7	6,0	6,0	7,8
	f Hz	9,8	8,8	8,6	7,5	6,9	6,6	6,2	5,6	5,5	5,0



COMPRESSION/ROLL 45° - TENSION/ROLL 45°											
CB1400 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60	-70	-80
1.Max Static	F daN	391	313	294	213	176	154	129	97,2	91,6	71,7
	d mm	8,4	10,4	11,2	13,8	16,6	19,1	21,9	26,7	28,1	32,5
2.Max Shock	F daN	1020	821	760	565	464	398	333	251	234	187
	d mm	47	56	64	72	90	112	129	153	168	180
3.Max Vibration	2a mm	5,2	6,2	7,1	8,0	10,0	12,3	14,3	16,9	18,6	19,9
	f Hz	5,6	5,2	4,8	4,7	4,1	3,6	3,3	3,1	2,9	2,9
1.Max Static	F daN	391	313	294	213	176	154	129	97,2	91,6	71,7
	d mm	5,7	7,1	7,4	9,7	11,4	12,5	14,2	17,6	18,2	22,0
2.Max Shock	F daN	2555	2109	1835	1536	1198	944	781	605	544	470
	d mm	21	26	26	39	43	43	49	62	62	81
3.Max Vibration	2a mm	2,3	3,0	2,9	4,3	4,8	4,8	5,4	6,9	6,8	9,0
	f Hz	8,8	7,8	7,7	6,7	6,2	5,9	5,6	5,0	4,9	4,5



SHEAR OR ROLL											
CB1400 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60	-70	-80
1.Max Static	F daN	261	208	196	142	117	103	86,5	64,8	61,1	47,8
	d mm	7,8	9,6	11,1	12,7	16,0	20,3	23,7	28,3	31,4	33,6
2.Max Shock	F daN	1368	1100	937	774	591	455	371	285	253	220
	d mm	28	35	38	48	57	64	73	90	95	111
3.Max Vibration	2a mm	3,2	3,9	4,2	5,4	6,3	7,1	8,1	10,0	10,5	12,2
	f Hz	7,0	6,3	6,0	5,4	5,0	4,6	4,3	3,9	3,8	3,6
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) <i>*IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us</i>											

TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810
Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 9533
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