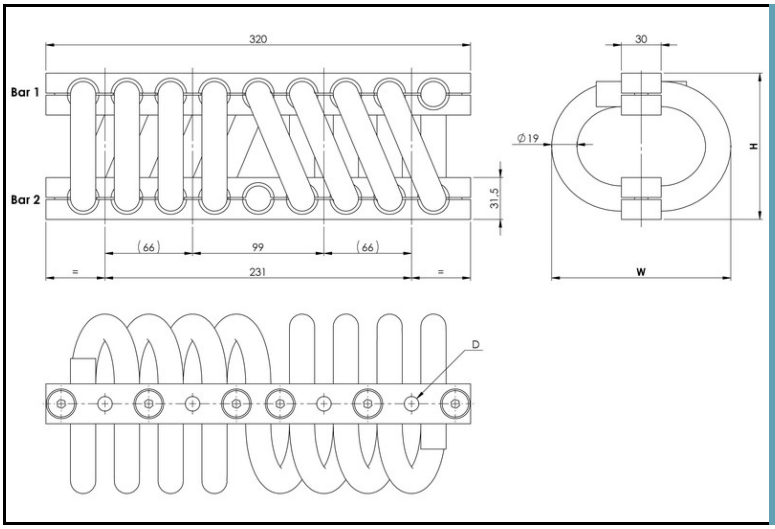
WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1600



- 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 / -290F to 570 F
- Great adaptability/versatility

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

Dimensions are in milimeters. For reference only

SERIES

Materials and finishes
(meets RoHS requirements)

CB1600

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)
-15	98	115	4,3
-17	104	125	4,6
-20	110	135	4,9
-25	117	145	5,2
-30	125	160	5,6
-40	135	175	6,1
-50	145	185	6,5
-60	160	200	7
-70	175	215	7,6

INTERFACES

fixtures holes D	Bar 1		
Bar 2	4 through holes ø10,8mm	4 through holes ø10,8mm counter-sunk 90°	4 inserts M10
4 through holes ø10,8mm	no suffix	not standard	not standard
4 through holes ø10,8mm counter-sunk 90°	CM	CM2	not standard
4 inserts M10	IM	CIM	IM2

C	B	1	6	0	0	-	1	5	C	I	M

SERIE: CB1600
'Helical' mount from the CB1600 series

MODEL: -15
height: 98mm
width: 115mm
weight: 4,3kg
loops: serie
standard is 08 loops

INTERFACE: CIM
4 through holes ø10,8mm
counter-sunk 90° in bar 1,
4 inserts M10 in bar 2

ISO 9001 ROHS Compliant

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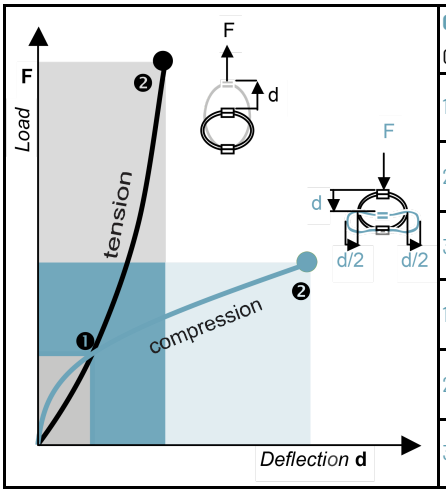
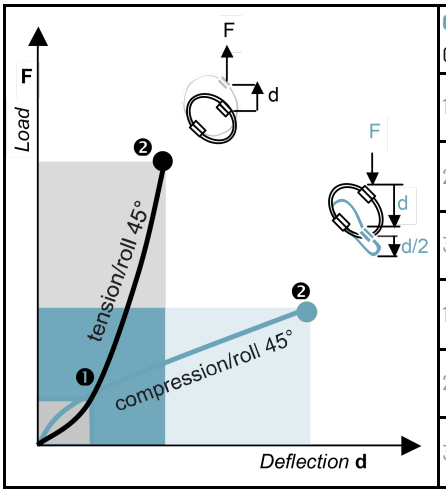


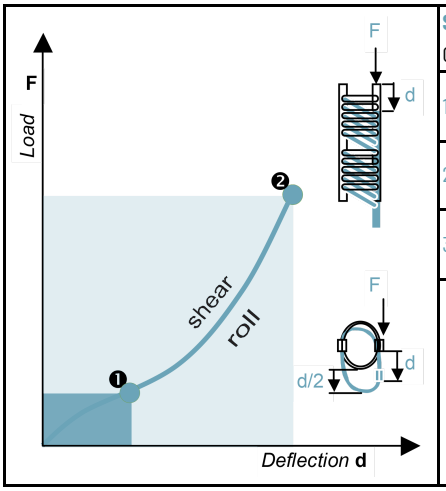
COMPRESSION AND TENSION

CB1600 Series	Model	-15	-17	-20	-25	-30	-40	-50	-60	-70
1.Max Static	F daN	1148	956	808	696	563	470	425	369	323
	d mm	5,8	6,8	7,8	9	10,3	12	13,6	16,1	18,6
2.Max Shock	F daN	3446	2870	2424	2090	1690	1411	1277	1107	969
	d mm	31	36	42	48	55	64	73	87	100
3.Max Vibration	2a mm	3,5	4,1	4,6	5,4	6,1	7,1	8,1	9,6	11,1
	f Hz	8,1	7,5	7	6,5	6,1	5,6	5,3	4,9	4,6
1.Max Static	F daN	1148	956	808	696	563	470	425	369	323
	d mm	4,9	6	7	8	9,6	11,2	12,3	13,9	15,5
2.Max Shock	F daN	12814	11014	9550	8252	6988	5867	5086	4197	3538
	d mm	23	29	34	40	50	58	62	67	72
3.Max Vibration	2a mm	2,6	3,2	3,8	4,4	5,5	6,5	6,8	7,4	8
	f Hz	10,2	9,2	8,4	7,8	7,1	6,6	6,3	6	5,8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

CB1600 Series	Model	-15	-17	-20	-25	-30	-40	-50	-60	-70
1.Max Static	F daN	861	717	606	522	422	352	319	276	242
	d mm	8,2	9,4	10,6	12,2	16,5	19,1	18,5	22,5	26,5
2.Max Shock	F daN	2297	1923	1632	1407	1146	958	861	740	644
	d mm	47	55	63	72	83	97	110	130	151
3.Max Vibration	2a mm	5,2	6,1	7	8	9,2	10,7	12,2	14,4	16,6
	f Hz	6,1	5,6	5,3	4,9	4,5	4,2	4	3,7	3,4
1.Max Static	F daN	861	717	606	522	422	352	319	276	242
	d mm	6	7,7	8,2	9,4	12,3	14,5	14,7	17,7	18,3
2.Max Shock	F daN	6411	5520	4793	4142	3516	2953	2554	2102	1768
	d mm	26	33	39	46	57	67	71	77	82
3.Max Vibration	2a mm	3	3,7	4,4	5,1	6,3	7,4	7,8	8,5	9,1
	f Hz	8,2	7,5	6,8	6,3	5,8	5,4	5,1	4,9	4,6



SHEAR OR ROLL

CB1600 Series	Model	-15	-17	-20	-25	-30	-40	-50	-60	-70
1.Max Static	F daN	574	478	404	348	281	235	212	184	161
	d mm	6,8	8,2	9,7	10,9	13,4	15,4	18,6	22,7	24
2.Max Shock	F daN	3773	3142	2654	2242	1849	1520	1304	1062	885
	d mm	32	39	46	53	63	74	81	91	102
3.Max Vibration	2a mm	3,6	4,3	5,1	5,8	7	8,2	9	10,1	11,2
	f Hz	2,9	2,6	2,4	2,2	2	1,9	1,8	1,8	1,7

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:

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