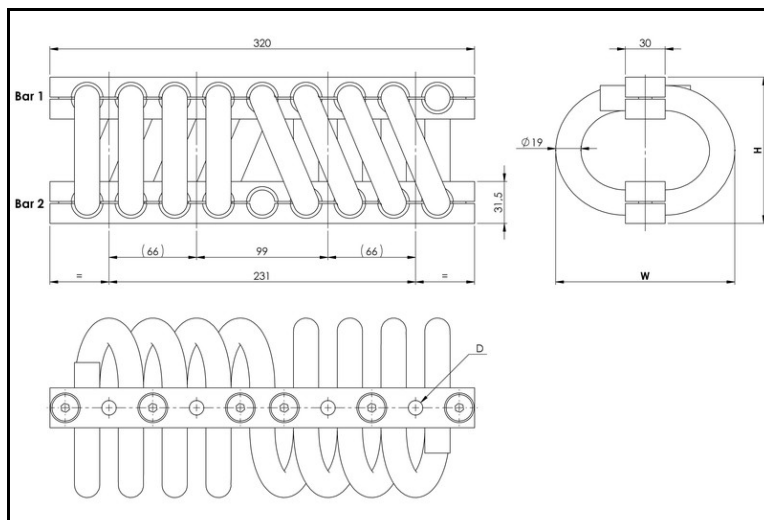


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1600



Dimensions are in millimeters. For reference only

- 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.)

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	7,0
-70	175	215	7,6

INTERFACES	Bar 1		
fixtures holes D	4 through holes ø10,5mm	4 through holes ø10,5mm counter-sunk 90°	4 inserts M10
Bar 2	4 through holes ø10,5mm	no suffix	not standard
4 through holes ø10,5mm counter-sunk 90°	CM	CM2	not standard
4 inserts M10	IM	CIM	IM2

C	B	1	6	0	0	-	1	5	C	I	M
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SERIE: CB1600

'Helical' mount from the CB1600 series

MODEL: -15

height: 98mm

width: 115mm

weight: 4,3kg

loops: serie

standard is 08 loops

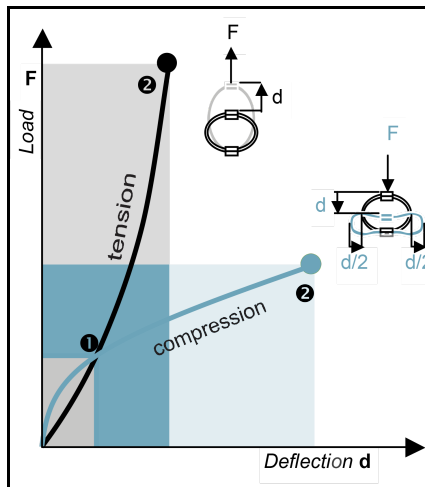
INTERFACE: CIM

4 through holes ø10,5mm

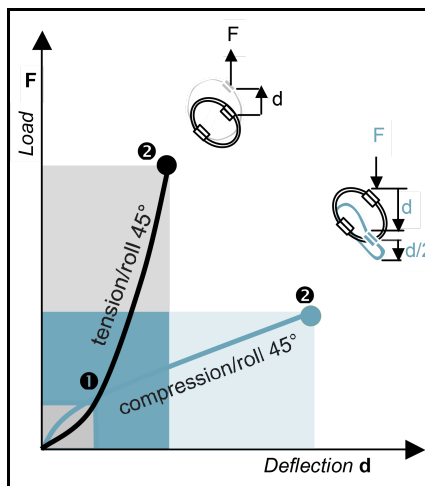
counter-sunk 90° in bar 1,

4 inserts M10 in bar 2

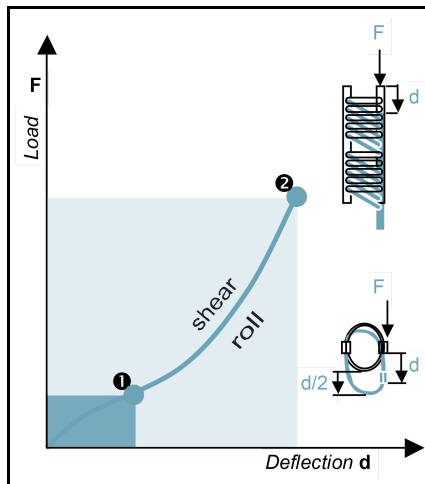




COMPRESSION AND TENSION										
CB1600 Series	Model	-15	-17	-20	-25	-30	-40	-50	-60	-70
1.Max Static	F daN	1234	1025	867	748	606	506	458	398	348
	d mm	5,8	6,8	7,8	9,0	10,3	12,0	13,6	16,1	18,6
2.Max Shock	F daN	3703	3077	2602	2246	1818	1519	1375	1194	1045
	d mm	31	36	42	48	55	64	73	87	100
3.Max Vibration	2a mm	3,5	4,1	4,6	5,4	6,1	7,1	8,1	9,6	11,1
	f Hz	7,0	6,5	6,1	5,7	5,3	5,0	4,6	4,2	3,9
1.Max Static	F daN	1234	1025	867	748	606	506	458	398	348
	d mm	5,0	6,0	7,1	8,1	9,7	11,3	12,4	14,0	15,6
2.Max Shock	F daN	13934	11934	10350	8944	7576	6361	5514	4551	3836
	d mm	24	29	35	40	50	59	62	68	73
3.Max Vibration	2a mm	2,6	3,3	3,9	4,5	5,6	6,6	6,9	7,5	8,1
	f Hz	9,1	8,2	7,6	7,1	6,5	6,0	5,7	5,4	5,1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°										
CB1600 Series	Model	-15	-17	-20	-25	-30	-40	-50	-60	-70
1.Max Static	F daN	925	769	650	561	454	379	343	298	261
	d mm	9,2	10,9	12,7	14,6	17,1	19,9	22,2	25,6	29,0
2.Max Shock	F daN	2474	2066	1754	1514	1234	1032	928	799	695
	d mm	47	55	63	72	83	97	110	130	151
3.Max Vibration	2a mm	5,2	6,1	7,0	8,0	9,2	10,7	12,2	14,4	16,6
	f Hz	5,9	5,4	5,1	4,8	4,5	4,2	3,9	3,5	3,2
1.Max Static	F daN	925	769	650	561	454	379	343	298	261
	d mm	6,5	7,9	9,2	10,6	12,6	14,7	16,2	18,4	20,5
2.Max Shock	F daN	6976	5985	5197	4491	3814	3203	2770	2280	1918
	d mm	27	33	40	46	58	68	71	77	83
3.Max Vibration	2a mm	3,0	3,7	4,5	5,2	6,4	7,5	7,9	8,6	9,2
	f Hz	8,1	7,4	6,8	6,3	5,8	5,4	5,1	4,8	4,6



SHEAR OR ROLL										
CB1600 Series	Model	-15	-17	-20	-25	-30	-40	-50	-60	-70
1.Max Static	F daN	617	512	433	374	303	253	229	199	174
	d mm	7,3	8,8	10,3	12,1	14,3	16,9	19,4	23,2	27,1
2.Max Shock	F daN	4014	3330	2813	2375	1960	1610	1380	1122	934
	d mm	32	39	46	53	64	74	81	92	102
3.Max Vibration	2a mm	3,6	4,4	5,1	5,9	7,1	8,2	9,0	10,2	11,3
	f Hz	6,7	6,1	5,7	5,3	4,9	4,5	4,3	4,0	3,8
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