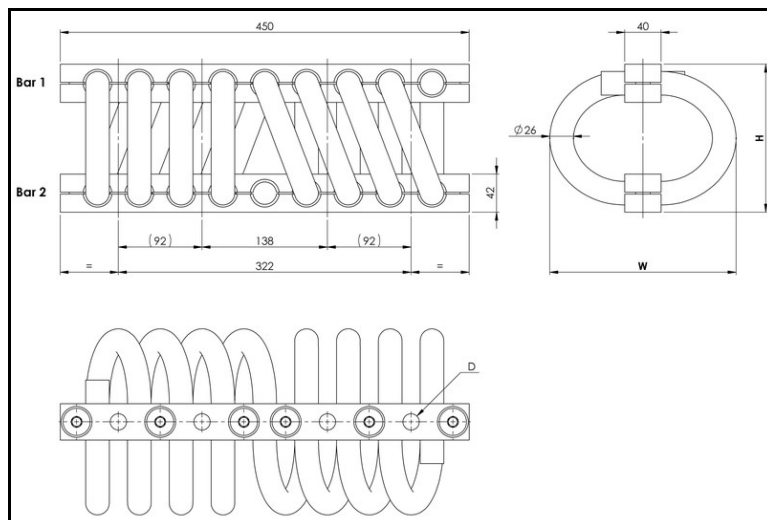


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1800



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

Specials on request

(material size and number of loops, etc.)

SERIES
Materials and finishes (meets RoHS requirements)
CB1800
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	133	172	11,7
-15	147	187	12,7
-17	163	205	14
-20	182	225	15,3
-30	203	249	17
-40	228	276	18,8
-50	256	308	20,9

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø17,5mm	4 through holes ø17,5mm counter-sunk 90°	4 inserts M16
Bar 2			
4 through holes ø17,5mm	no suffix	not standard	not standard
4 through holes ø17,5mm counter-sunk 90°	CM	CM2	not standard
4 inserts M16	IM	CIM	IM2

C	B	1	8	0	0	-	1	2	C	I	M
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SERIE: CB1800

'Helical' mount from the CB1800 series

MODEL: -12

height: 133mm

width: 172mm

weight: 11,7kg

loops: serie

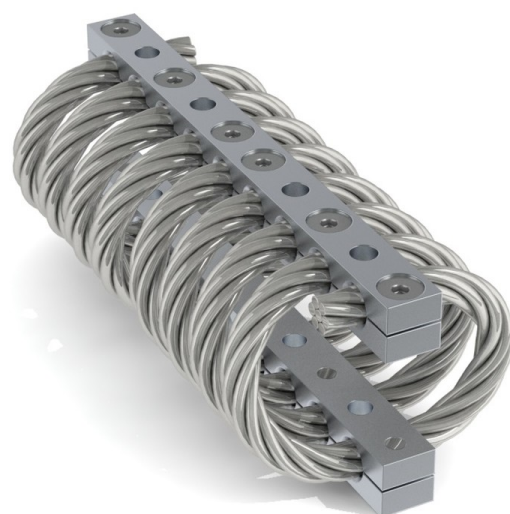
standard is 08 loops

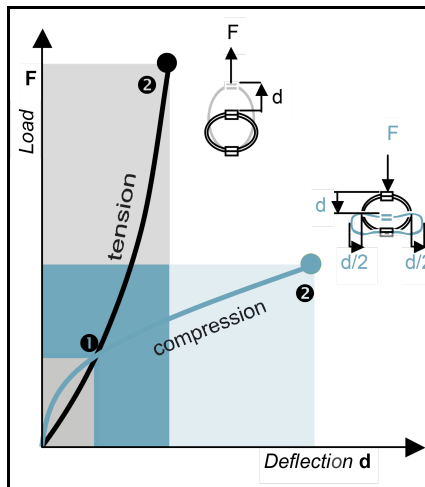
INTERFACE: CIM

4 through holes ø17,5mm

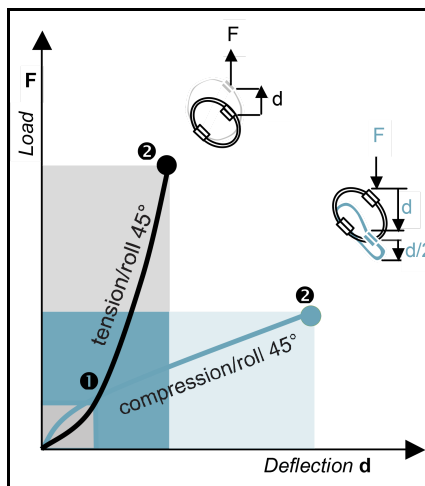
counter-sunk 90° in bar 1,

4 inserts M16 in bar 2

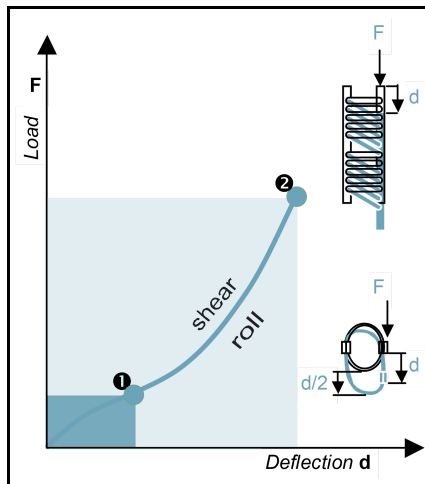




COMPRESSION AND TENSION								
CB1800 Series	Model	-12	-15	-17	-20	-30	-40	-50
1.Max Static	F daN	2060	1777	1493	1252	1028	845	685
	d mm	8,1	10,5	13,1	16,3	19,8	23,9	28,6
2.Max Shock	F daN	6181	5333	4481	3758	3086	2535	2055
	d mm	44	56	71	88	107	129	154
3.Max Vibration	2a mm	4,8	6,2	7,8	9,7	11,8	14,3	17
	f Hz	6,1	5,3	4,7	4,2	3,8	3,4	3,1
1.Max Static	F daN	2060	1777	1493	1252	1028	845	685
	d mm	8,1	9,9	11,9	14,1	16,6	19,4	22,8
2.Max Shock	F daN	28224	22457	17890	14218	11350	9024	7189
	d mm	46	52	60	67	78	89	102
3.Max Vibration	2a mm	5,1	5,8	6,6	7,5	8,6	9,8	11,3
	f Hz	7	6,4	5,8	5,4	5	4,6	4,3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°								
CB1800 Series	Model	-12	-15	-17	-20	-30	-40	-50
1.Max Static	F daN	1545	1333	1120	939	771	633	513
	d mm	14	17,4	21,4	25,8	30,8	36,6	43,3
2.Max Shock	F daN	4255	3628	3023	2513	2053	1677	1355
	d mm	66	85	106	132	160	194	232
3.Max Vibration	2a mm	7,3	9,4	11,7	14,6	17,7	21,4	25,5
	f Hz	5,1	4,4	3,9	3,5	3,2	2,8	2,6
1.Max Static	F daN	1545	1333	1120	939	771	633	513
	d mm	10,6	12,9	15,6	18,4	21,8	25,6	30
2.Max Shock	F daN	14269	11310	8986	7121	5675	4504	3584
	d mm	53	60	68	77	89	101	117
3.Max Vibration	2a mm	5,9	6,6	7,6	8,5	9,8	11,2	12,9
	f Hz	6,2	5,7	5,2	4,8	4,4	4,1	3,8



SHEAR OR ROLL								
CB1800 Series	Model	-12	-15	-17	-20	-30	-40	-50
1.Max Static	F daN	1030	888	746	626	514	422	342
	d mm	10,6	14	18	22,8	28,2	34,6	41,9
2.Max Shock	F daN	7885	6060	4682	3626	2831	2208	1730
	d mm	55	65	78	92	109	128	150
3.Max Vibration	2a mm	6,1	7,2	8,6	10,2	12	14,1	16,6
	f Hz	5,4	4,8	4,4	4	3,6	3,3	3,1
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