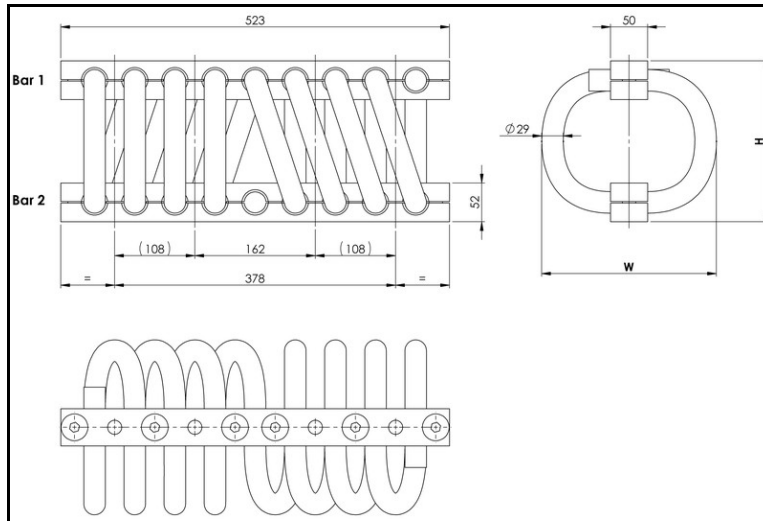


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1900



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
CB1900
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)
-10	180	216	20
-12	216	242	22,7
-15	235	262	24,4

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes Ø20mm	4 through holes Ø20mm counter-sunk 90°	4 inserts M18
Bar 2	4 through holes Ø20mm	no suffix	not standard
4 through holes Ø20mm counter-sunk 90°	CM	CM2	not standard
4 inserts M18	IM	CIM	IM2

C	B	1	9	0	0	-	1	0	C	I	M
---	---	---	---	---	---	---	---	---	---	---	---

SERIE: CB1900

'Helical' mount from the CB1900 series

MODEL: -10

height: 180mm

width: 216mm

weight: 20kg

loops: serie

standard is 08 loops

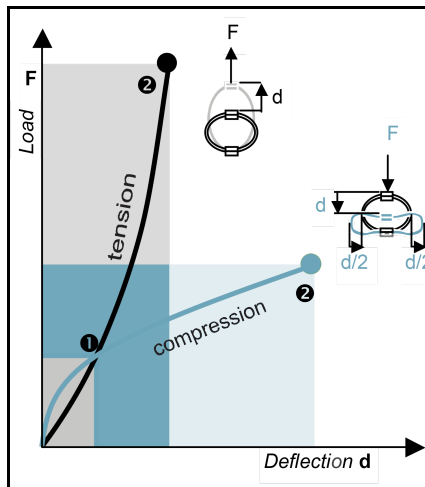
INTERFACE: CIM

4 through holes Ø20mm

counter-sunk 90° in bar 1,

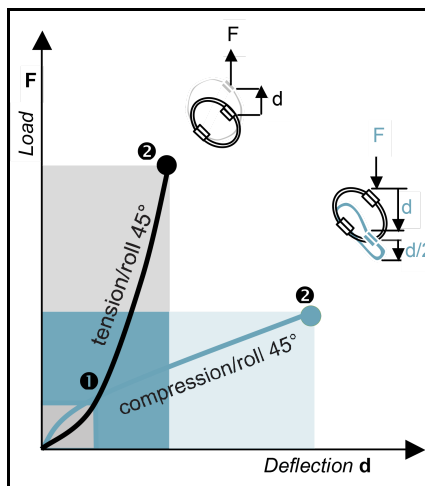
4 inserts M18 in bar 2





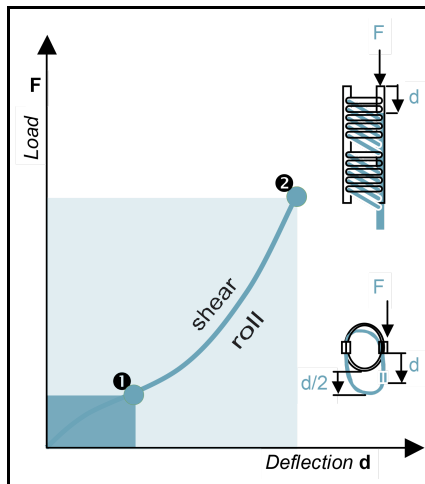
COMPRESSION AND TENSION

CB1900 Series	Model	-10	-12	-15
1.Max Static	F daN	2094	1718	1468
	d mm	12,6	18,6	21,8
2.Max Shock	F daN	6282	5156	4405
	d mm	68	100	117
3.Max Vibration	2a mm	7,5	11,1	13
	f Hz	5,5	4,6	4,3
1.Max Static	F daN	2094	1718	1468
	d mm	11	13,7	15,7
2.Max Shock	F daN	24108	16814	14147
	d mm	54	58	65
3.Max Vibration	2a mm	5,9	6,4	7,2
	f Hz	6,8	6,3	5,9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

CB1900 Series	Model	-10	-12	-15
1.Max Static	F daN	1570	1289	1101
	d mm	17,5	23,5	27,9
2.Max Shock	F daN	4210	3355	2858
	d mm	102	151	176
3.Max Vibration	2a mm	11,3	16,6	19,4
	f Hz	4,1	3,5	3,2
1.Max Static	F daN	1570	1289	1101
	d mm	14,3	17,3	19,3
2.Max Shock	F daN	12083	8346	7015
	d mm	61	66	75
3.Max Vibration	2a mm	6,8	7,3	8,3
	f Hz	5,5	5,1	4,8



SHEAR OR ROLL

CB1900 Series	Model	-10	-12	-15
1.Max Static	F daN	1047	859	734
	d mm	14,9	23,3	29,4
2.Max Shock	F daN	6740	4444	3663
	d mm	72	91	105
3.Max Vibration	2a mm	8	10,1	11,7
	f Hz	1,9	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