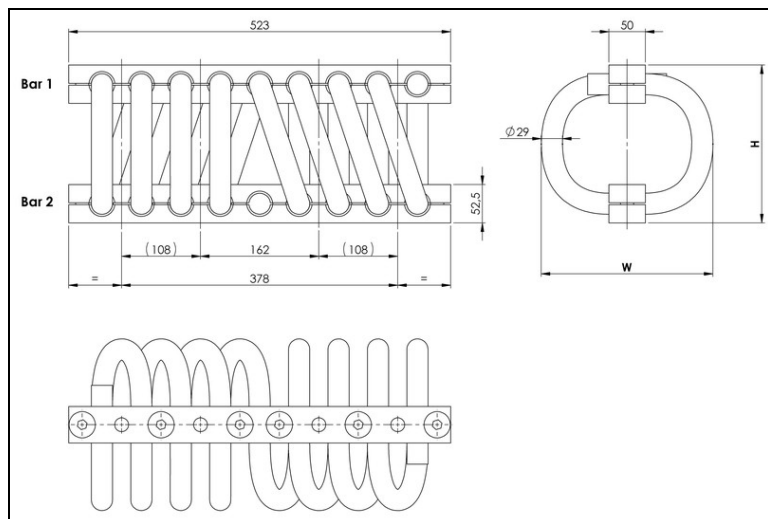


WIRE ROPE ISOLATORS: 'HELICAL'

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	178	216	20,0
-12	216	241	22,7
-15	235	260	24,4

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø19mm	4 through holes ø19mm counter-sunk 90°	4 inserts M18
Bar 2			
4 through holes ø19mm	no suffix	not standard	not standard
4 through holes ø19mm 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: 178mm

width: 216mm

weight: 20,0kg

loops: serie

standard is 08 loops

INTERFACE: CIM

4 through holes ø19mm

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		2097	1733	1487
	d mm		12,6	18,9	22,1
2. Max Shock	F daN		6292	5199	4463
	d mm		68	102	119
3. Max Vibration	2a mm		75	11,3	13,2
	f Hz		4,8	3,6	3,3
1. Max Static	F daN		2097	1733	1487
	d mm		11,1	13,6	15,5
2. Max Shock	F daN		24337	16662	14036
	d mm		54	57	63
3. Max Vibration	2a mm		6,0	6,3	7,0
	f Hz		6,1	5,5	5,2

		COMPRESSION/ROLL 45° - TENSION/ROLL 45°			
CB1900 Series		Model	-10	-12	-15
1. Max Static	F daN		1573	1299	1115
	d mm		20,2	27,0	31,1
2. Max Shock	F daN		4222	3371	2883
	d mm		102	153	179
3. Max Vibration	2a mm		11,3	16,9	19,8
	f Hz		4,0	3,1	2,8
1. Max Static	F daN		1573	1299	1115
	d mm		14,6	18,0	20,6
2. Max Shock	F daN		12203	8261	6950
	d mm		62	65	73
3. Max Vibration	2a mm		6,9	7,2	8,0
	f Hz		5,4	4,9	4,6

		SHEAR OR ROLL			
CB1900 Series		Model	-10	-12	-15
1. Max Static	F daN		1048	866	743
	d mm		16,7	26,3	31,2
2. Max Shock	F daN		6630	4252	3505
	d mm		73	92	105
3. Max Vibration	2a mm		8,1	10,1	11,6
	f Hz		4,5	3,9	3,6
<ol style="list-style-type: none"> 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) <p>*IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us</p>					

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