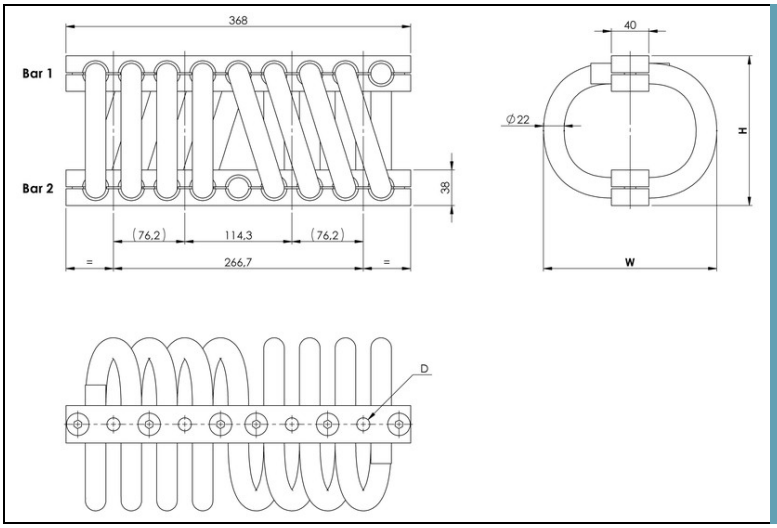
WIRE ROPE ISOLATORS: 'HELICAL'



- 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)

CB1700

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	133	140	7,7
-17	152	165	8,8
-20	159	178	9,3
-30	190	210	10,9
-40	216	235	12,2

INTERFACES

fixtures holes D	Bar 1		
Bar 2	4 through holes ø13,4mm	4 through holes ø13,4mm counter-sunk 90°	4 inserts M12
4 through holes ø13,4mm	no suffix	not standard	not standard
4 through holes ø13,4mm counter-sunk 90°	CM	CM2	not standard
4 inserts M12	IM	CIM	IM2

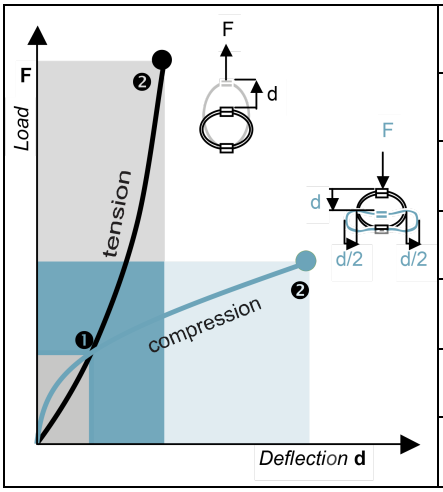
C	B	1	7	0	0	-	1	5	C	I	M

SERIE: CB1700
'Helical' mount from the CB1700 series

MODEL: -15
height: 133mm
width: 140mm
weight: 7,7kg
loops: serie
standard is 08 loops

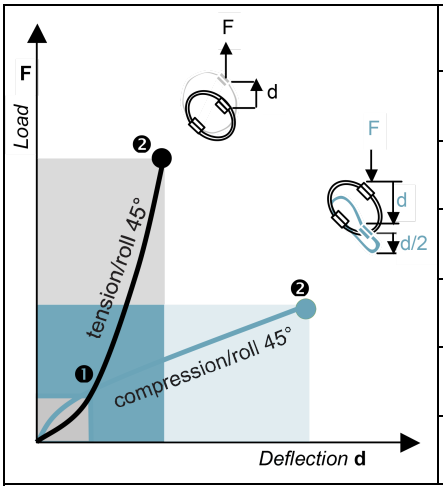
INTERFACE: CIM
4 through holes ø13,4mm
counter-sunk 90° in bar 1,
4 inserts M12 in bar 2

WIRE ROPE ISOLATORS: 'HELICAL'



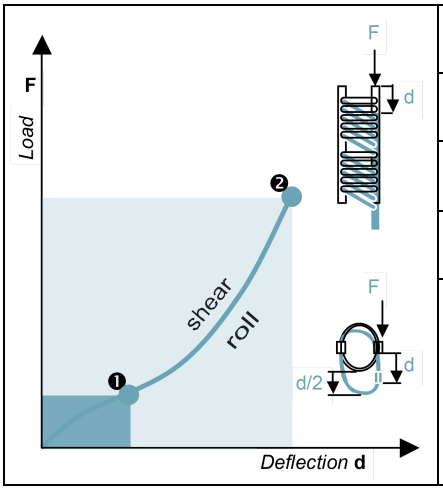
COMPRESSION AND TENSION

CB1700 Series	Model	-15	-17	-20	-30	-40
1. Max Static	F daN	1555	1121	971	698	557
	d mm	8,6	12,2	13,4	18,6	22,4
2. Max Shock	F daN	4665	3364	2914	2094	1672
	d mm	49	66	72	100	124
3. Max Vibration	2a mm	5,4	7,3	8,0	11,1	13,7
	f Hz	5,0	4,4	4,3	3,6	3,2
1. Max Static	F daN	1555	1121	971	698	557
	d mm	5,8	8,4	9,8	13,0	15,4
2. Max Shock	F daN	13706	10347	9414	6554	5095
	d mm	22	33	41	53	61
3. Max Vibration	2a mm	2,5	3,7	4,5	5,9	6,8
	f Hz	8,4	7,0	6,5	5,7	5,2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

CB1700 Series	Model	-15	-17	-20	-30	-40
1. Max Static	F daN	1166	841	728	523	418
	d mm	12,1	17,0	19,3	26,1	31,4
2. Max Shock	F daN	2971	2163	1892	1351	1073
	d mm	74	99	109	151	186
3. Max Vibration	2a mm	8,2	11,0	12,0	16,6	20,5
	f Hz	4,3	3,8	3,7	3,1	2,8
1. Max Static	F daN	1166	841	728	523	418
	d mm	7,7	11,1	12,9	17,2	20,4
2. Max Shock	F daN	6755	5116	4670	3244	2517
	d mm	25	38	47	60	70
3. Max Vibration	2a mm	2,8	4,2	5,2	6,7	7,8
	f Hz	7,5	6,3	5,8	5,0	4,6



SHEAR OR ROLL

CB1700 Series	Model	-15	-17	-20	-30	-40
1. Max Static	F daN	777	560	485	349	278
	d mm	12,1	16,8	18,5	26,6	33,4
2. Max Shock	F daN	3678	2682	2429	1618	1226
	d mm	40	57	65	88	106
3. Max Vibration	2a mm	4,5	6,3	7,2	9,7	11,7
	f Hz	5,7	4,9	4,6	4,0	3,6

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