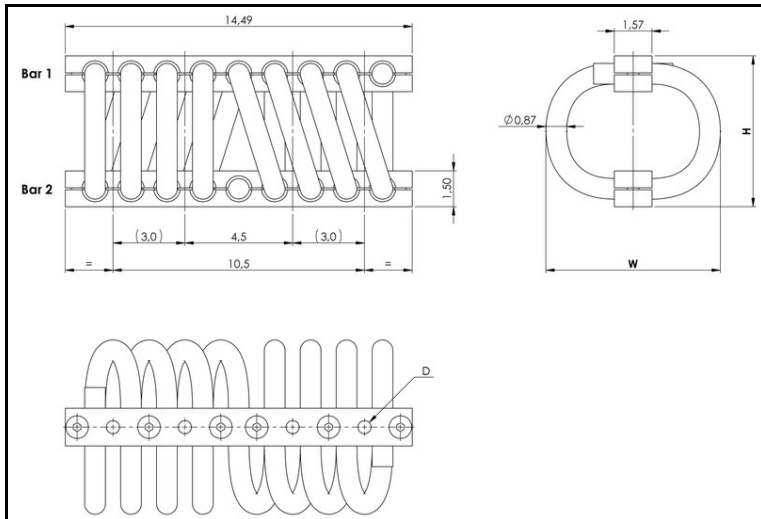


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1700



Dimensions are in inches. 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)
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 (in)	width W (in)	weight (lbs)
-15	5,2	5,5	17
-17	6,0	6,5	19
-20	6,3	7,0	21
-30	7,5	8,3	24
-40	8,5	9,3	27

INTERFACES			
fixtures holes D	Bar 1		
	Ø 0.53 in through holes	Ø 0.53 in through holes counter-sunk 82°	1/2 - 13 inserts
Bar 2			
Ø 0.53 in through holes	T2	not standard	not standard
Ø 0.53 in through holes counter-sunk 82°	C	C2	not standard
1/2 - 13 inserts	I	CI	I2

C	B	1	7	0	0	-	1	5	C	I
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SERIE: CB1700

'Helical' mount from the CB1700 series

MODEL: -15

height: 5,2in

width: 5,5in

weight: 17lbs

loops: serie

standard is 08 loops

INTERFACE: CI

Ø 0.53 in through

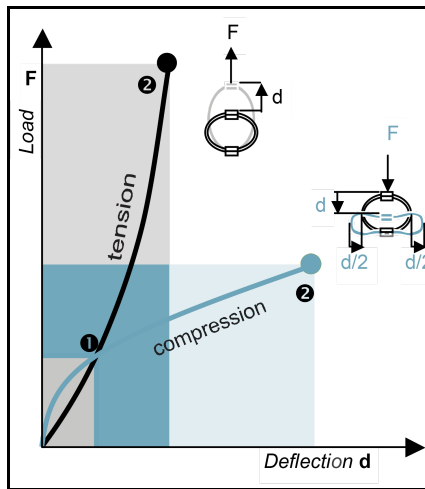
holes counter-sunk

82° in bar 1,

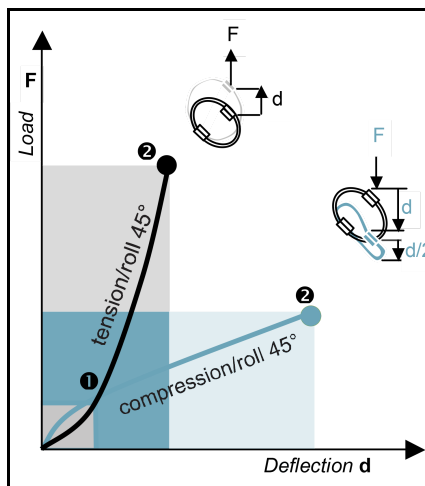
1/2 - 13 inserts in

bar 2

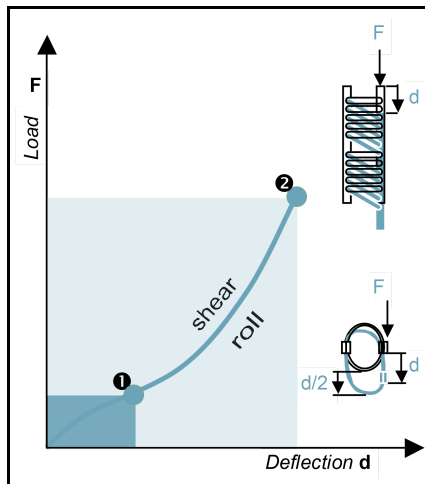




COMPRESSION AND TENSION						
CB1700 Series	Model	-15	-17	-20	-30	-40
1.Max Static	F lbf	3600	2600	2300	1600	1300
	d in	0,33	0,47	0,54	0,73	0,88
2.Max Shock	F lbf	11000	7800	6800	4800	3800
	d in	2,0	2,7	2,9	4,0	5,0
3.Max Vibration	2a in	0,22	0,30	0,32	0,44	0,55
	f Hz	6,6	5,7	5,4	4,6	4,2
1.Max Static	F lbf	3600	2600	2300	1600	1300
	d in	0,22	0,32	0,38	0,50	0,60
2.Max Shock	F lbf	31000	23000	21000	15000	11000
	d in	0,83	1,3	1,5	2,0	2,4
3.Max Vibration	2a in	0,09	0,14	0,17	0,22	0,26
	f Hz	10,2	8,3	7,6	6,6	6,1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°						
CB1700 Series	Model	-15	-17	-20	-30	-40
1.Max Static	F lbf	2700	2000	1700	1200	960
	d in	0,44	0,55	0,71	1,00	1,0
2.Max Shock	F lbf	6900	5000	4400	3100	2500
	d in	3,0	4,0	4,4	6,1	7,4
3.Max Vibration	2a in	0,33	0,44	0,49	0,67	0,82
	f Hz	5,0	4,3	4,0	3,4	3,2
1.Max Static	F lbf	2700	2000	1700	1200	960
	d in	0,27	0,39	0,44	0,64	0,73
2.Max Shock	F lbf	15000	11000	10000	7300	5700
	d in	0,95	1,4	1,8	2,3	2,7
3.Max Vibration	2a in	0,10	0,16	0,19	0,25	0,30
	f Hz	8,2	6,7	6,1	5,4	4,9



SHEAR OR ROLL						
CB1700 Series	Model	-15	-17	-20	-30	-40
1.Max Static	F lbf	1800	1300	1100	800	640
	d in	0,46	0,66	0,71	1,0	1,3
2.Max Shock	F lbf	8300	6100	5500	3700	2800
	d in	1,6	2,2	2,6	3,5	4,2
3.Max Vibration	2a in	0,18	0,25	0,28	0,38	0,46
	f Hz	2,8	2,4	2,2	1,9	1,8
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) *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