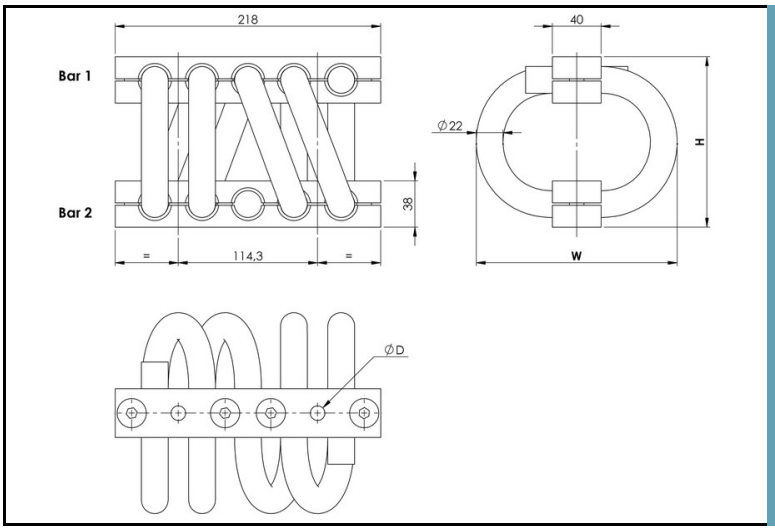
WIRE ROPE ISOLATOR



- 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.)

Dimensions are in milimeters. For reference only

SERIES

Materials and finishes (meets RoHS requirements)

HH17

Cable:
stainless steel
galvanized available: HHG

Retainer bars:
aluminium alloy/
SurTec

Screws:
alloy steel/zinc plate

Inserts:
stainless steel

All stainless steel: HHSS

Other materials on request

MODEL

	height H (mm)	width W (mm)	weight (kg)
-15	133	140	4,1
-17	152	165	4,7
-20	159	178	4,9
-25	175	195	5,4
-30	190	210	5,7
-40	216	235	6,4

INTERFACES

fixtures holes D	Bar 1		
Bar 2	2 through holes ø13,5mm	2 through holes ø13,5mm countersunk 90°	2 inserts M12
2 through holes ø13,5mm	TM2	not standard	not standard
2 through holes ø13,5mm countersunk 90°	TCM	CM2	not standard
2 inserts M12	TIM	CIM	IM2

H	H	1	7	-	1	5	C	I	M

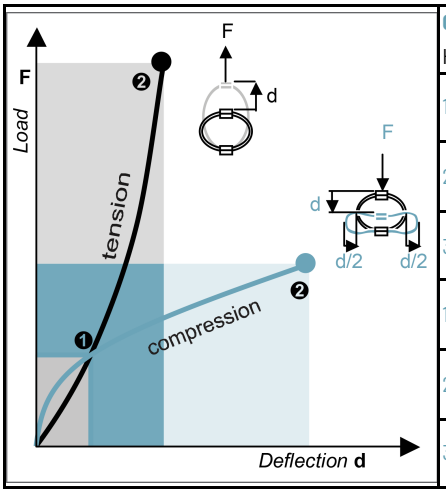
SERIE: HH17
'Half-Helical' mount from the HH17 series

MODEL: -15
height: 133mm
width: 140mm
weight: 4,1kg
loops: serie standard is 04 loops

INTERFACE: CIM
2 through holes ø13,5mm countersunk 90° in bar 1,
2 inserts M12 in bar 2

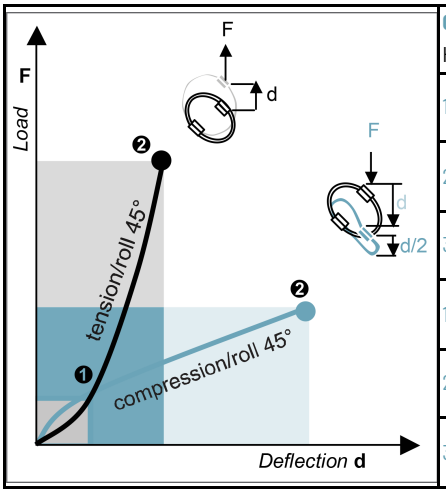
ISO 9001 ROHS Compliant

WIRE ROPE ISOLATOR



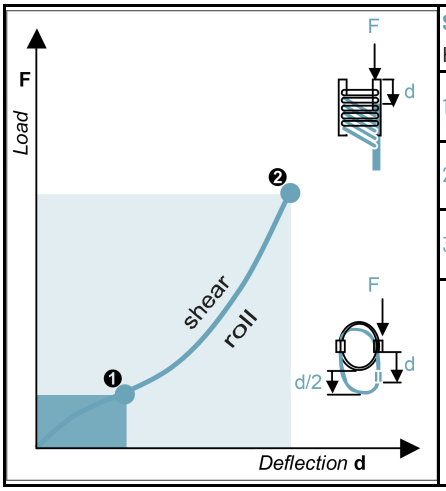
COMPRESSION AND TENSION

HH17 Series	Model	-15	-17	-20	-25	-30	-40
1.Max Static	F daN	809	579	500	416	358	285
	d mm	8,5	12	13,8	16,4	18,6	22,3
2.Max Shock	F daN	2427	1738	1502	1248	1074	855
	d mm	51	68	74	89	102	126
3.Max Vibration	2a mm	5,6	7,5	8,2	9,8	11,3	13,9
	f Hz	6,6	5,7	5,4	4,9	4,6	4,2
1.Max Static	F daN	809	579	500	416	358	285
	d mm	5,6	8,2	9,6	11,3	12,8	15,2
2.Max Shock	F daN	6838	5165	4697	3864	3279	2553
	d mm	21	32	39	45	51	59
3.Max Vibration	2a mm	2,3	3,5	4,3	5	5,6	6,6
	f Hz	10,2	8,3	7,6	7	6,6	6,1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH17 Series	Model	-15	-17	-20	-25	-30	-40
1.Max Static	F daN	606	434	375	312	268	213
	d mm	11,1	13,9	18,1	21,7	25,3	25,4
2.Max Shock	F daN	1531	1109	969	804	689	546
	d mm	76	102	112	133	153	189
3.Max Vibration	2a mm	8,5	11,3	12,3	14,7	16,9	20,8
	f Hz	5	4,3	4	3,7	3,4	3,2
1.Max Static	F daN	606	434	375	312	268	213
	d mm	7	9,9	11,2	14,7	16,3	18,6
2.Max Shock	F daN	3359	2547	2325	1911	1620	1260
	d mm	24	36	44	52	58	68
3.Max Vibration	2a mm	2,7	4	5	5,8	6,4	7,5
	f Hz	8,2	6,7	6,1	5,7	5,4	4,9



SHEAR OR ROLL

HH17 Series	Model	-15	-17	-20	-25	-30	-40
1.Max Static	F daN	404	289	250	208	179	142
	d mm	11,6	16,8	17,9	23,1	25,5	32,8
2.Max Shock	F daN	1847	1360	1233	992	828	629
	d mm	40	57	65	77	87	105
3.Max Vibration	2a mm	4,5	6,3	7,2	8,5	9,7	11,6
	f Hz	2,8	2,4	2,2	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