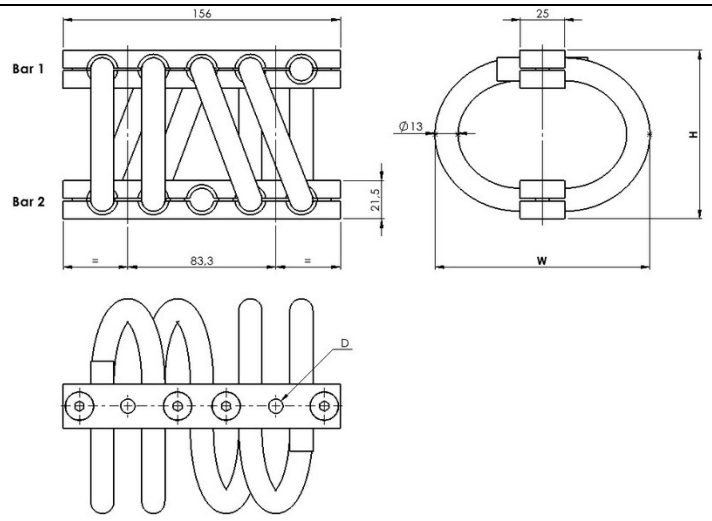
WIRE ROPE ISOLATOR

DEFINITION
series HH56



- 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)

HH56

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)
-20	76	92	0.95
-24	83	102	1
-28	89	105	1.1
-32	95	121	1.2
-36	108	133	1.3
-44	124	143	1.4
-46	137	156	1.5
-48	155	180	1.7
-50	166	186	1.7
-52	175	210	1.9

INTERFACES

fixtures holes D	Bar 1		
Bar 2	2 through holes ø8,8mm	2 through holes ø8,8mm countersunk 90°	2 inserts M8
2 through holes ø8,8mm	TM2	not standard	not standard
2 through holes ø8,8mm countersunk 90°	TCM	CM2	not standard
2 inserts M8	TIM	CIM	IM2

H	H	5	6	-	2	0	0	4	C	I	M

SERIE: HH56
'Half-Helical' mount from the HH56 series

MODEL: -20
height: 76mm
width: 92mm
weight: 0.95kg

LOOPS: 04
Serie standard is 04 loops

INTERFACE: CIM
2 through holes ø8,8mm countersunk 90° in bar 1,
2 inserts M8 in bar 2

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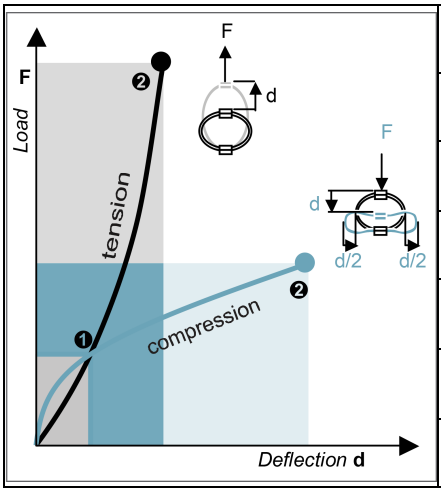
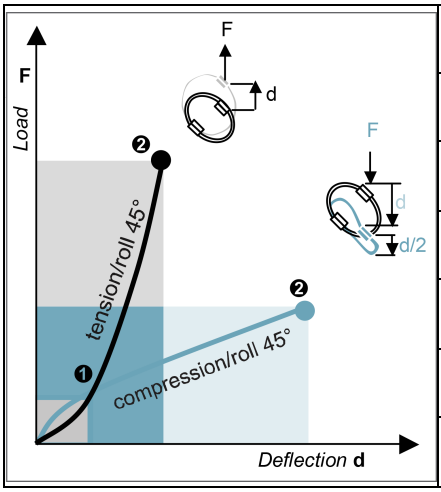


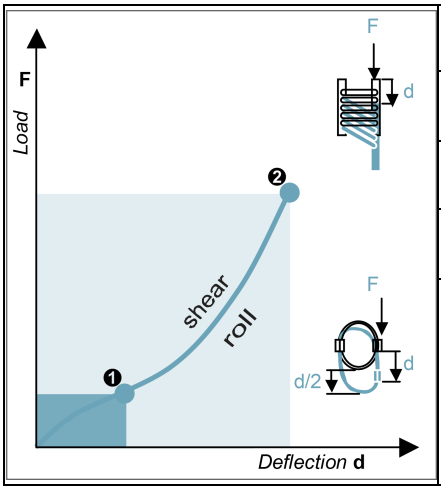
COMPRESSION AND TENSION

HH56 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F daN	246	195	186	134	111	98.1	82.5	61.9	58.4	45.7
	d mm	5.5	6.6	7.6	8.6	10.8	13.4	15.6	18.6	20	21.9
2.Max Shock	F daN	738	586	558	402	335	294	247	185	175	137
	d mm	29	36	41	46	58	72	84	100	110	118
3.Max Vibration	2a mm	3.3	4	4.6	5.2	6.4	8	9.3	11.1	12.2	13.1
	f Hz	8.4	7.6	7.2	6.7	6	5.4	5.1	4.6	4.4	4.2
1.Max Static	F daN	246	195	186	134	111	98.1	82.5	61.9	58.4	45.7
	d mm	4.3	5.4	5.6	7.4	8.6	9.5	10.7	13.3	13.7	16.6
2.Max Shock	F daN	2545	2069	1821	1500	1171	926	766	592	533	458
	d mm	19	24	23	35	38	39	43	55	54	72
3.Max Vibration	2a mm	2.1	2.7	2.6	3.9	4.3	4.3	4.8	6.1	6	7.9
	f Hz	11.1	9.9	9.8	8.3	7.8	7.6	7.2	6.4	6.4	5.7



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH56 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F daN	184	146	139	100	83.8	73.6	61.9	46.4	43.8	34.3
	d mm	8.1	9.7	9.7	12.2	15.8	17.5	20.6	23.9	27.4	27.2
2.Max Shock	F daN	485	387	363	268	220	190	159	120	112	89.7
	d mm	44	54	62	70	87	109	126	151	166	178
3.Max Vibration	2a mm	4.9	5.9	6.8	7.7	9.6	12	14	16.6	18.3	19.6
	f Hz	6.3	5.7	5.4	5	4.5	4.1	3.8	3.5	3.3	3.2
1.Max Static	F daN	184	146	139	100	83.8	73.6	61.9	46.4	43.8	34.3
	d mm	5.3	6.8	7.1	9.1	10.8	11.2	14	16.2	17.4	19.3
2.Max Shock	F daN	1267	1032	904	751	583	459	379	293	263	228
	d mm	21	27	27	40	44	44	49	63	62	82
3.Max Vibration	2a mm	2.4	3.1	3	4.4	4.9	4.9	5.5	7	6.9	9.1
	f Hz	9	8	8	6.7	6.3	6.1	5.8	5.2	5.2	4.6



SHEAR OR ROLL

HH56 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F daN	123	97.8	93.2	67	55.9	49	41.2	31	29.2	22.9
	d mm	7	8.7	9.6	12.1	14.9	18.9	21	26.3	29.2	29.9
2.Max Shock	F daN	708	559	481	390	298	230	187	143	127	110
	d mm	28	35	37	48	56	64	73	90	94	110
3.Max Vibration	2a mm	3.1	3.9	4.2	5.3	6.3	7.1	8.1	9.9	10.4	12.2
	f Hz	3.2	2.8	2.8	2.4	2.3	2.2	2.1	1.9	1.9	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