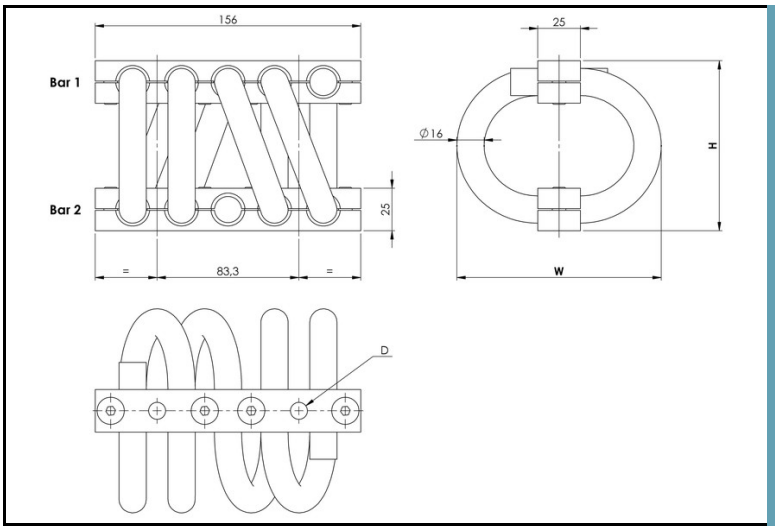
WIRE ROPE ISOLATOR

DEFINITION
series HH15



- 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)

HH15

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)
-12	87	102	1,4
-15	94	112	1,5
-17	98	120	1,6
-20	107	135	1,7
-30	117	152	1,9
-40	125	165	2,1
-50	135	178	2,3
-60	146	185	2,3

INTERFACES

fixtures holes D	Bar 1		
Bar 2	2 through holes ø10,8mm	2 through holes ø10,8mm countersunk 90°	2 inserts M10
2 through holes ø10,8mm	TM2	not standard	not standard
2 through holes ø10,8mm countersunk 90°	TCM	CM2	not standard
2 inserts M10	TIM	CIM	IM2

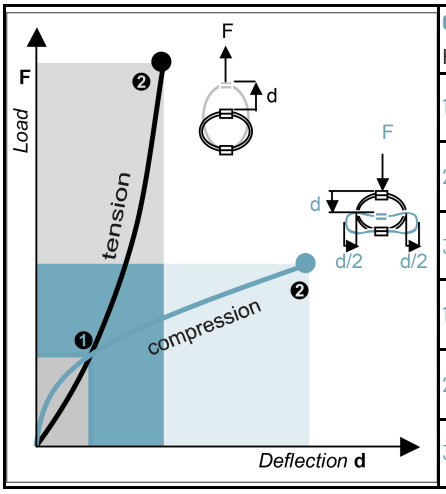
H	H	1	5	-	1	2	C	I	M

SERIE: HH15
'Half-Helical' mount from the HH15 series

MODEL: -12
height: 87mm
width: 102mm
weight: 1,4kg
loops: serie standard is 04 loops

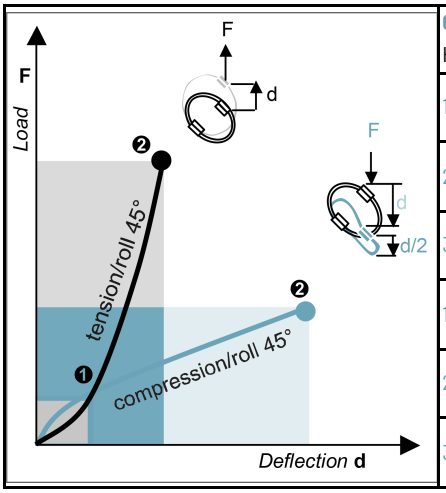
INTERFACE: CIM
2 through holes ø10,8mm countersunk 90° in bar 1,
2 inserts M10 in bar 2

SOCITEC
ISO 9001 BUREAU VERITAS Certification
RoHS COMPLIANT



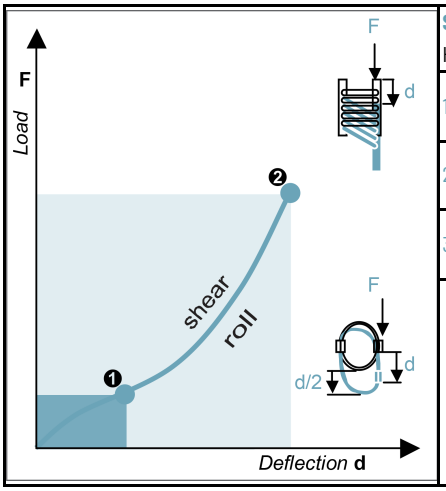
COMPRESSION AND TENSION

HH15 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60
1.Max Static	F daN	439	360	307	238	186	157	136	128
	d mm	6,1	7,3	8,0	9,5	11,1	12,4	14,1	15,9
2.Max Shock	F daN	1319	1080	923	716	558	472	408	384
	d mm	33	39	43	51	60	67	76	86
3.Max Vibration	2a mm	3,7	4,4	4,8	5,6	6,6	7,4	8,4	9,5
	f Hz	6,6	6,1	5,9	5,5	5,1	4,8	4,5	4,2
1.Max Static	F daN	439	360	307	238	186	157	136	128
	d mm	4,8	5,9	6,7	8,3	10,1	11,5	12,9	13,7
2.Max Shock	F daN	4562	3811	3409	2760	2240	1933	1652	1446
	d mm	21	26	31	40	51	59	66	65
3.Max Vibration	2a mm	2,4	2,9	3,5	4,5	5,7	6,6	7,3	7,2
	f Hz	9,2	8,4	7,8	7,0	6,3	5,9	5,6	5,5



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH15 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60
1.Max Static	F daN	329	270	230	179	139	118	102	96,2
	d mm	9,2	11,1	12,5	15,2	18,1	20,5	23,1	25,2
2.Max Shock	F daN	868	713	614	480	377	320	276	257
	d mm	49	59	64	76	90	101	114	129
3.Max Vibration	2a mm	5,5	6,5	7,1	8,5	10,0	11,1	12,6	14,3
	f Hz	5,6	5,1	5,0	4,6	4,3	4,1	3,8	3,5
1.Max Static	F daN	329	270	230	179	139	118	102	96,2
	d mm	6,4	7,7	8,8	10,9	13,2	15,0	16,9	17,9
2.Max Shock	F daN	2272	1901	1705	1383	1125	972	830	723
	d mm	24	30	36	46	58	68	75	75
3.Max Vibration	2a mm	2,7	3,4	4,0	5,1	6,5	7,5	8,3	8,2
	f Hz	8,3	7,5	7,0	6,3	5,7	5,3	5,0	4,9



SHEAR OR ROLL

HH15 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60
1.Max Static	F daN	219	180	153	119	93,1	78,8	68,1	64,2
	d mm	8,1	9,8	10,9	13,2	15,9	18,1	20,7	23,4
2.Max Shock	F daN	1246	1013	894	705	559	475	401	349
	d mm	32	38	44	54	66	76	85	90
3.Max Vibration	2a mm	3,5	4,3	4,9	6,0	7,4	8,4	9,4	9,9
	f Hz	6,7	6,1	5,7	5,2	4,8	4,5	4,2	4,0

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