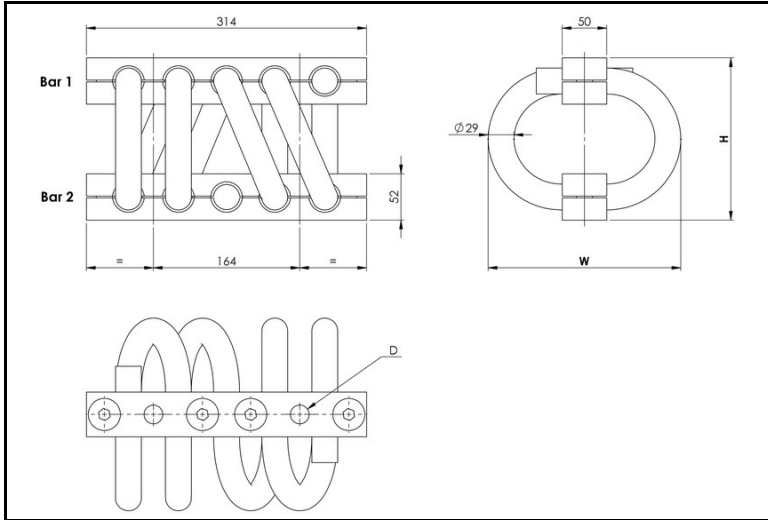


WIRE ROPE ISOLATOR

DEFINITION
series HH19



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
HH19 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)
-10	180	216	10,8
-12	216	242	12,2
-15	235	262	13

INTERFACES	Bar 1		
fixtures holes D	2 through holes ø20mm	2 through holes ø20mm countersun k 90°	2 inserts M18
Bar 2			
2 through holes ø20mm	TM2	not standard	not standard
2 through holes ø20mm countersunk 90°	TCM	CM2	not standard
2 inserts M18	TIM	CIM	IM2

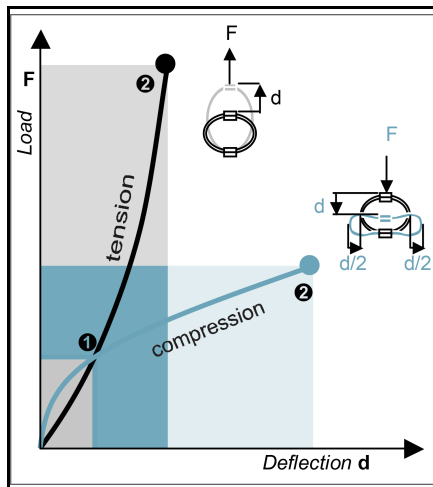
H	H	1	9	-	1	0	C	I	M
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SERIE: HH19
'Half-Helical' mount from
the HH19 series

MODEL: -10
height: 180mm
width: 216mm
weight: 10,8kg
loops: serie
standard is 04 loops

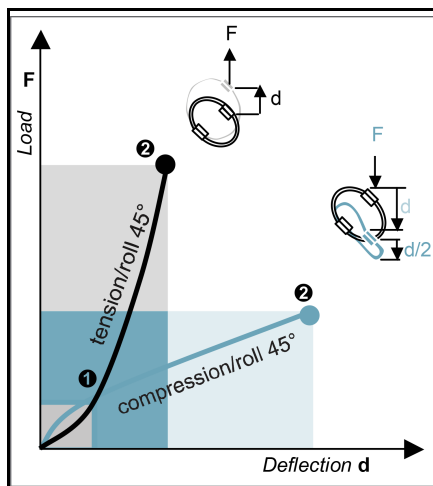
INTERFACE: CIM
2 through holes ø20mm
countersunk 90° in bar 1,
2 inserts M18 in bar 2





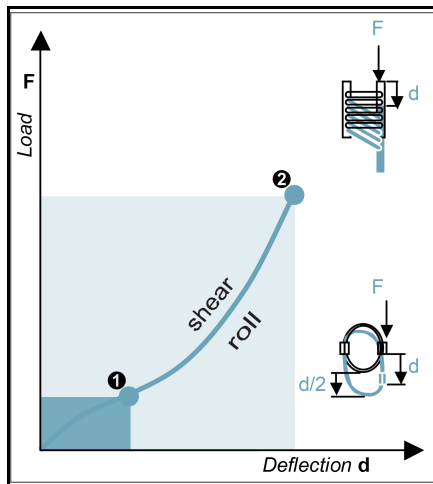
COMPRESSION AND TENSION

HH19 Series	Model	-10	-12	-15
1.Max Static	F daN	1047	859	734
	d mm	12,6	18,6	21,8
2.Max Shock	F daN	3141	2578	2202
	d mm	68	100	117
3.Max Vibration	2a mm	7,5	11,1	13
	f Hz	5,5	4,6	4,3
1.Max Static	F daN	1047	859	734
	d mm	11	13,7	15,7
2.Max Shock	F daN	12054	8407	7073
	d mm	54	58	65
3.Max Vibration	2a mm	5,9	6,4	7,2
	f Hz	6,8	6,3	5,9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH19 Series	Model	-10	-12	-15
1.Max Static	F daN	785	644	550
	d mm	17,5	23,5	27,9
2.Max Shock	F daN	2105	1677	1429
	d mm	102	151	176
3.Max Vibration	2a mm	11,3	16,6	19,4
	f Hz	4,1	3,5	3,2
1.Max Static	F daN	785	644	550
	d mm	14,3	17,3	19,3
2.Max Shock	F daN	6041	4173	3507
	d mm	61	66	75
3.Max Vibration	2a mm	6,8	7,3	8,3
	f Hz	5,5	5,1	4,8



SHEAR OR ROLL

HH19 Series	Model	-10	-12	-15
1.Max Static	F daN	523	429	367
	d mm	14,9	23,3	29,4
2.Max Shock	F daN	3370	2222	1831
	d mm	72	91	105
3.Max Vibration	2a mm	8	10,1	11,7
	f Hz	1,9	1,8	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

