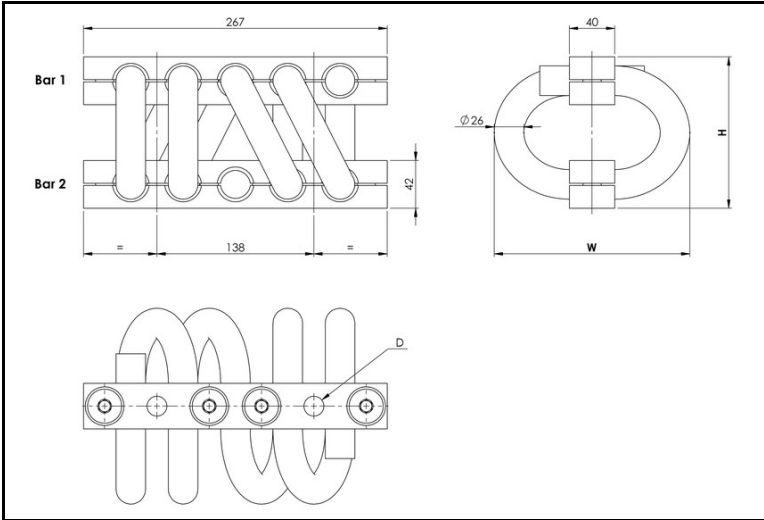


WIRE ROPE ISOLATOR

DEFINITION
series HH18



- 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)
HH18 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		133	172	6,3
-15		147	187	6,8
-17		163	205	7,4
-20		182	225	8,1
-30		203	249	8,9
-40		228	276	9,8
-50		256	308	10,9

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes ø17,5mm	2 through holes ø17,5mm countersunk k 90°	2 inserts M16
Bar 2			
2 through holes ø17,5mm	TM2	not standard	not standard
2 through holes ø17,5mm countersunk 90°	TCM	CM2	not standard
2 inserts M16	TIM	CIM	IM2

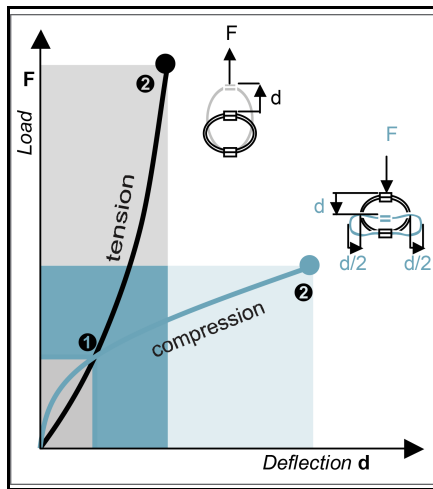
H	H	1	8	-	1	2	C	I	M
---	---	---	---	---	---	---	---	---	---

SERIE: HH18
'Half-Helical' mount from
the HH18 series

MODEL: -12
height: 133mm
width: 172mm
weight: 6,3kg
loops: serie
standard is 04 loops

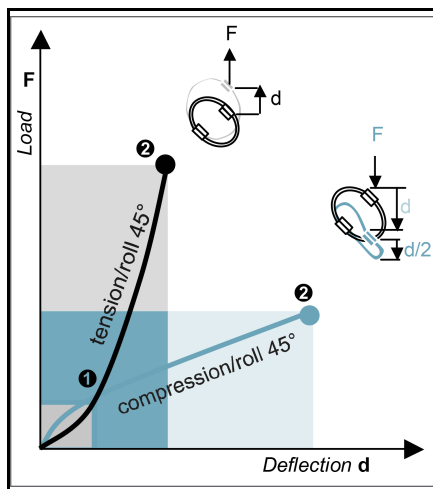
INTERFACE: CIM
2 through holes ø17,5mm
countersunk 90° in bar 1,
2 inserts M16 in bar 2





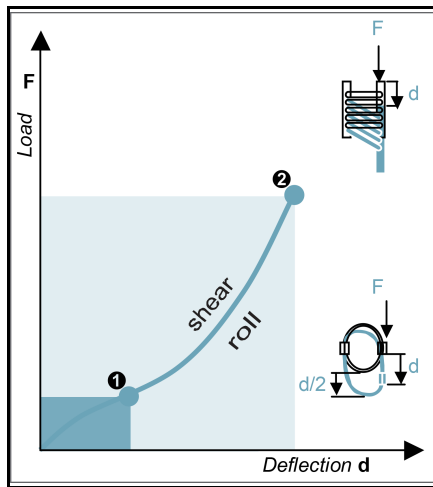
COMPRESSION AND TENSION

HH18 Series	Model	-12	-15	-17	-20	-30	-40	-50
1.Max Static	F daN	908	783	658	552	454	373	302
	d mm	8,1	10,5	13,1	16,3	19,8	23,9	28,6
2.Max Shock	F daN	2724	2351	1976	1658	1362	1119	907
	d mm	44	56	71	88	107	129	154
3.Max Vibration	2a mm	4,8	6,2	7,8	9,7	11,8	14,3	17
	f Hz	6,8	6	5,4	4,9	4,4	4	3,7
1.Max Static	F daN	908	783	658	552	454	373	302
	d mm	8,1	9,9	11,9	14	16,6	19,4	22,8
2.Max Shock	F daN	12447	9904	7891	6272	5007	3981	3172
	d mm	46	52	60	67	78	88	102
3.Max Vibration	2a mm	5,1	5,8	6,6	7,5	8,6	9,8	11,3
	f Hz	7,5	7	6,4	6	5,6	5,2	4,8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH18 Series	Model	-12	-15	-17	-20	-30	-40	-50
1.Max Static	F daN	681	587	494	414	340	279	226
	d mm	12,5	16,6	21,3	22,7	28,1	34,7	41,9
2.Max Shock	F daN	1875	1599	1333	1108	906	740	598
	d mm	66	85	106	132	160	194	232
3.Max Vibration	2a mm	7,3	9,4	11,7	14,6	17,7	21,4	25,5
	f Hz	5,1	4,5	4	3,6	3,3	3	2,8
1.Max Static	F daN	681	587	494	414	340	279	226
	d mm	9	11,1	14,3	17,8	19,9	25,3	28,7
2.Max Shock	F daN	6293	4988	3963	3141	2503	1987	1581
	d mm	53	60	68	77	89	101	117
3.Max Vibration	2a mm	5,9	6,6	7,6	8,5	9,8	11,2	12,9
	f Hz	6,1	5,6	5,2	4,9	4,5	4,2	3,9



SHEAR OR ROLL

HH18 Series	Model	-12	-15	-17	-20	-30	-40	-50
1.Max Static	F daN	454	391	329	276	227	186	151
	d mm	9,8	12,4	16	20,4	26,5	33,8	38,4
2.Max Shock	F daN	3540	2727	2111	1638	1281	1000	785
	d mm	55	65	78	92	109	128	150
3.Max Vibration	2a mm	6,1	7,2	8,6	10,2	12	14,1	16,6
	f Hz	2,1	2	1,8	1,7	1,6	1,5	1,4

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

