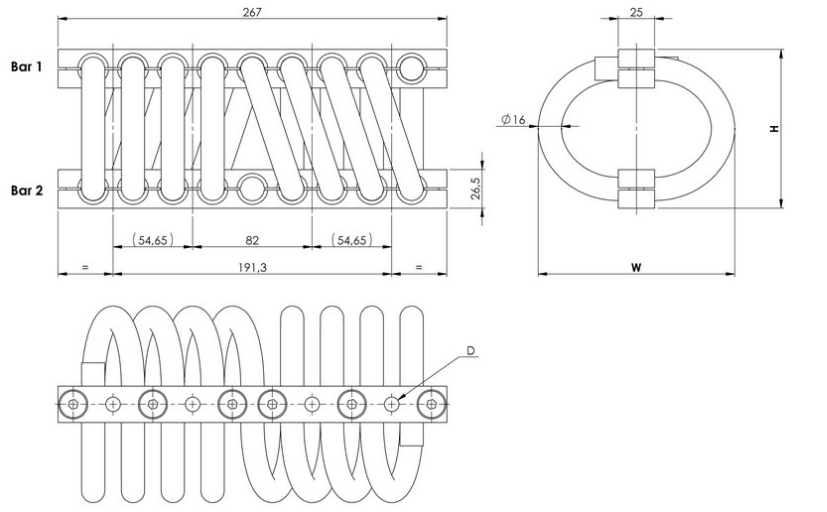
WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH60



- 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 / -290F 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)
FH60
Cable: stainless steel galvanized available: CBG
Retainer bars: aluminium alloy/ SurTec
Screws: alloy steel/ zinc plate
Inserts: stainless steel
All stainless steel: CBSS
Other materials on request

MODEL	height H (mm)	width W (mm)	weight (kg)
-20	89	102	2.7
-24	96	112	2.9
-28	100	120	3.1
-32	109	135	3.4
-36	119	152	3.8
-44	127	165	4.1
-46	135	178	4.3
-48	146	185	4.6

INTERFACES	Bar 1		
fixtures holes D	4 through holes ø10,8mm	4 through holes ø10,8mm counter-sunk 90°	4 inserts M10
Bar 2			
4 through holes ø10,8mm	TM2	not standard	not standard
4 through holes ø10,8mm counter-sunk 90°	TCM	CM2	not standard
4 inserts M10	TIM	CIM	IM2

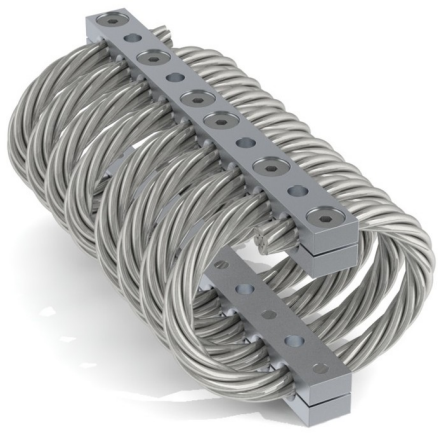
F	H	6	0	-	2	0	0	8	C	I	M

SERIE: FH60
'Helical' mount from the FH60 series

MODEL: -20
height: 89mm
width: 102mm
weight: 2.7kg

LOOPS: 08
Serie standard is 08 loops

INTERFACE: CIM
4 through holes ø10,8mm counter-sunk 90° in bar 1,
4 inserts M10 in bar 2



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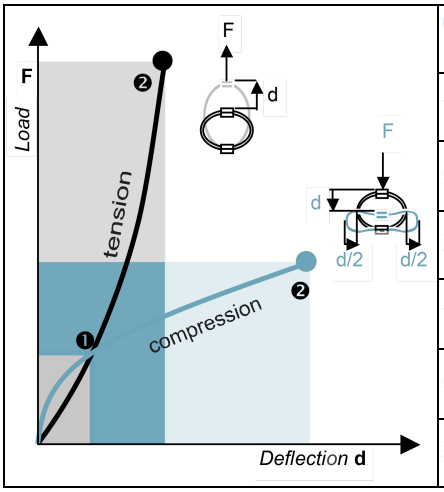
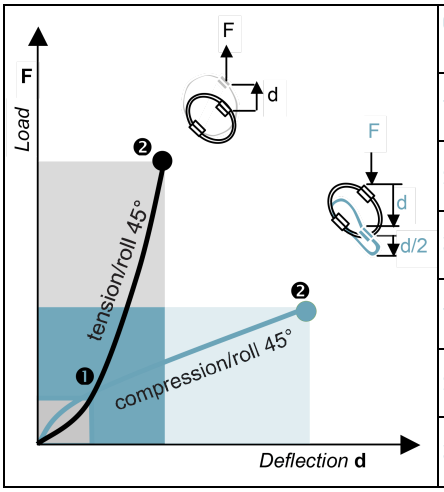


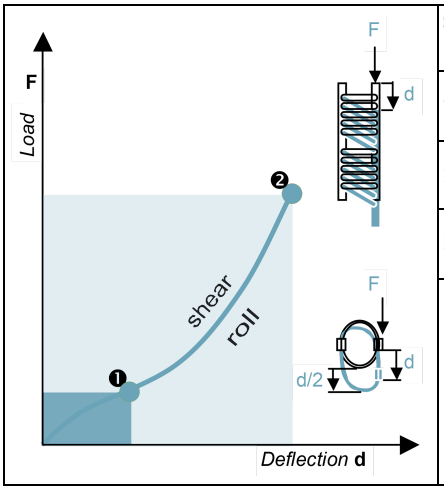
COMPRESSION AND TENSION

FH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F daN	808	667	571	444	347	294	253	238
	d mm	6	7.1	7.8	9.3	11	12.3	13.6	15.4
2.Max Shock	F daN	2426	2003	1713	1332	1041	882	759	716
	d mm	32	38	42	50	59	66	73	83
3.Max Vibration	2a mm	3.6	4.3	4.6	5.5	6.5	7.3	8.1	9.2
	f Hz	8.1	7.4	7	6.4	5.9	5.6	5.3	5
1.Max Static	F daN	808	667	571	444	347	294	253	238
	d mm	4.7	5.8	6.6	8.2	10	11.4	12.8	13.6
2.Max Shock	F daN	8425	7088	6348	5148	4185	3614	3158	2757
	d mm	21	26	31	40	50	58	67	66
3.Max Vibration	2a mm	2.3	2.9	3.4	4.4	5.6	6.5	7.4	7.3
	f Hz	10.6	9.5	8.8	7.8	7	6.6	6.2	6.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F daN	606	500	428	333	260	220	189	179
	d mm	8.8	10.4	11	12.8	17.8	19.7	21.7	21.4
2.Max Shock	F daN	1598	1323	1141	894	703	597	515	480
	d mm	48	58	63	75	89	99	110	125
3.Max Vibration	2a mm	5.4	6.4	7	8.3	9.8	11	12.2	13.8
	f Hz	6	5.5	5.3	4.8	4.4	4.1	3.9	3.7
1.Max Static	F daN	606	500	428	333	260	220	189	179
	d mm	5.9	7.4	8	9.2	12.2	14.3	16.5	17.7
2.Max Shock	F daN	4198	3536	3175	2581	2103	1817	1589	1382
	d mm	24	30	35	46	58	67	76	75
3.Max Vibration	2a mm	2.7	3.3	3.9	5.1	6.4	7.4	8.4	8.4
	f Hz	8.5	7.7	7.1	6.3	5.7	5.3	5	5



SHEAR OR ROLL

FH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F daN	404	333	285	222	173	147	126	119
	d mm	6.9	8.3	9.8	12.3	15.3	17.5	19.7	22.1
2.Max Shock	F daN	2393	1955	1725	1360	1077	916	789	687
	d mm	31	38	43	53	66	75	84	89
3.Max Vibration	2a mm	3.4	4.2	4.8	5.9	7.3	8.3	9.3	9.8
	f Hz	3	2.7	2.5	2.3	2	1.9	1.8	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