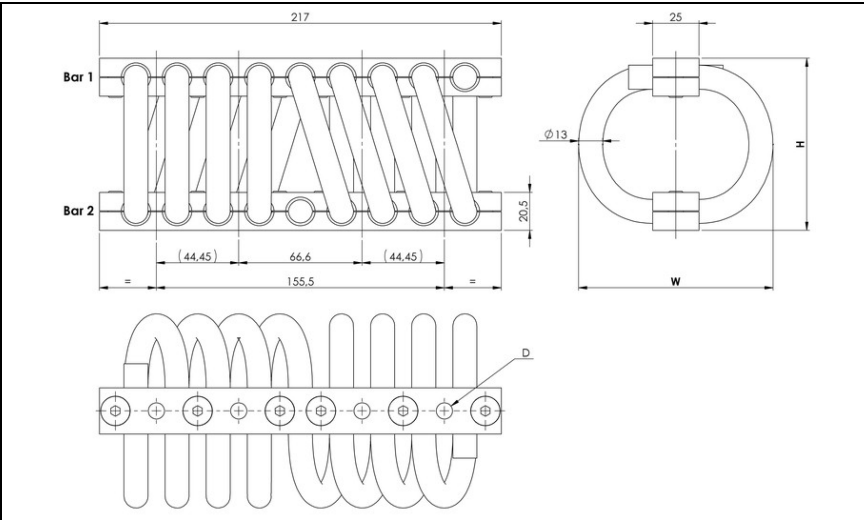


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH56



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
FH56
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	76	92	1.6
-24	83	102	1.8
-28	89	105	1.9
-32	95	121	2
-36	108	133	2.3
-44	124	143	2.5
-46	137	156	2.7
-48	155	180	3.1
-50	166	186	3.2
-52	175	210	3.5

INTERFACES	Bar 1		
fixtures holes D	4 through holes ø8,8mm	4 through holes ø8,8mm counter-sunk 90°	4 inserts M8
Bar 2			
4 through holes ø8,8mm	TM2	not standard	not standard
4 through holes ø8,8mm counter- sunk 90°	TCM	CM2	not standard
4 inserts M8	TIM	CIM	IM2

F	H	5	6	-	2	0	0	8	C	I	M
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SERIE: FH56
'Helical' mount from the
FH56 series

MODEL: -20
height: 76mm
width: 92mm
weight: 1.6kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
4 through holes ø8,8mm
counter-sunk 90° in bar 1,
4 inserts M8 in bar 2





COMPRESSION AND TENSION

FH56 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F daN	500	399	376	272	226	198	166	124	117	92
	d mm	5.8	7	8	9	11.1	13.7	15.6	18.9	20.1	22.2
2.Max Shock	F daN	1502	1199	1129	817	679	594	498	374	352	276
	d mm	31	37	43	48	60	74	86	102	112	120
3.Max Vibration	2a mm	3.5	4.2	4.8	5.4	6.6	8.2	9.5	11.3	12.4	13.3
	f Hz	8.2	7.5	7.1	6.6	5.9	5.4	5	4.6	4.4	4.2
1.Max Static	F daN	500	399	376	272	226	198	166	124	117	92
	d mm	4.4	5.4	5.6	7.4	8.6	9.5	10.7	13.3	13.7	16.6
2.Max Shock	F daN	4966	4079	3575	2962	2318	1840	1523	1178	1062	912
	d mm	18	23	23	34	38	38	43	54	54	71
3.Max Vibration	2a mm	2.1	2.6	2.6	3.8	4.2	4.2	4.8	6	6	7.9
	f Hz	11.1	9.9	9.9	8.3	7.8	7.6	7.2	6.4	6.4	5.7



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH56 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F daN	375	299	282	204	169	148	124	93.5	88.2	69
	d mm	7.3	8.5	10.3	12.8	16.6	18.2	21.3	24.6	22.5	27.8
2.Max Shock	F daN	980	786	730	542	445	382	320	241	225	180
	d mm	47	56	64	72	90	112	129	153	168	180
3.Max Vibration	2a mm	5.2	6.2	7.1	8	10	12.3	14.3	16.9	18.6	19.9
	f Hz	6.2	5.7	5.3	4.9	4.4	4	3.7	3.4	3.4	3.2
1.Max Static	F daN	375	299	282	204	169	148	124	93.5	88.2	69
	d mm	5.6	6.5	6.8	8.7	10.4	12.4	13.7	15.8	17	21.6
2.Max Shock	F daN	2467	2030	1771	1479	1154	910	752	583	524	453
	d mm	21	27	26	39	43	44	49	62	62	81
3.Max Vibration	2a mm	2.4	3	2.9	4.3	4.8	4.8	5.4	6.9	6.8	9
	f Hz	9	8	8	6.7	6.3	6.2	5.8	5.2	5.2	4.6



SHEAR OR ROLL

FH56 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F daN	250	199	188	136	113	99	83.2	62.4	58.8	46
	d mm	7.7	9.6	10.5	11.8	14.6	18.6	23.2	26	28.9	33.2
2.Max Shock	F daN	1357	1087	932	764	585	452	370	284	253	218
	d mm	29	35	38	48	57	64	74	90	95	111
3.Max Vibration	2a mm	3.2	4	4.2	5.4	6.3	7.1	8.2	10	10.5	12.2
	f Hz	3.2	2.9	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

