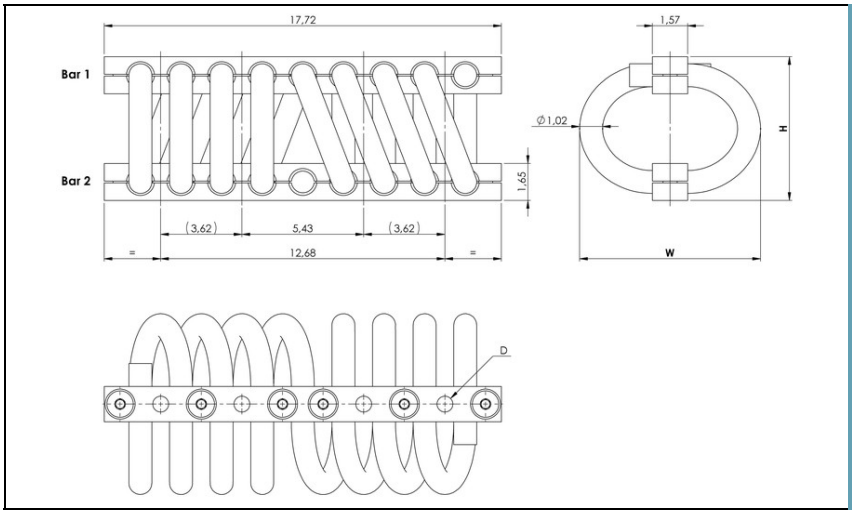
WIRE ROPE ISOLATORS: 'HELICAL'



- 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 inches. For reference only

SERIES

Materials and finishes (meets RoHS requirements)

FH72

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 (in)	width W (in)	weight (lbs)
-20	5.2	6.8	26
-24	5.8	7.4	28
-28	6.4	8.1	31
-32	7.2	8.9	34
-36	8.0	9.8	37
-44	9.0	10.9	41
-46	10.1	12.1	46

INTERFACES

fixtures holes D	Bar 1		
Bar 2	ø 0.69 in through holes	ø 0.69 in through holes counter-sunk 82°	5/8 - 11 inserts
ø 0.69 in through holes	T2	not standard	not standard
ø 0.69 in through holes counter-sunk 82°	TC	C2	not standard
5/8 - 11 inserts	TI	CI	I2

F	H	7	2	-	2	0	0	8	C	I

SERIE: FH72
'Helical' mount from the FH72 series

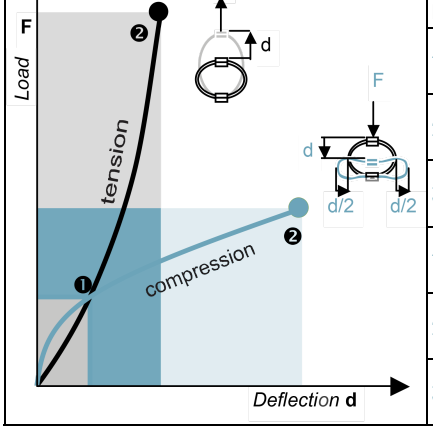
MODEL: -20
height: 5.2in
width: 6.8in
weight: 26lbs

LOOPS: 08
Serie standard is 08 loops

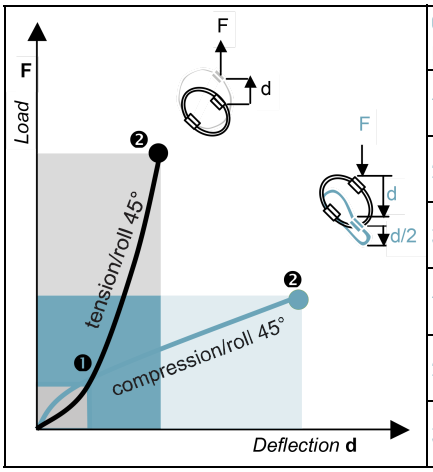
INTERFACE: CI
ø 0.69 in through holes counter-sunk 82° in bar 1,
5/8 - 11 inserts in bar 2

WIRE ROPE ISOLATORS: 'HELICAL'

COMPRESSION AND TENSION

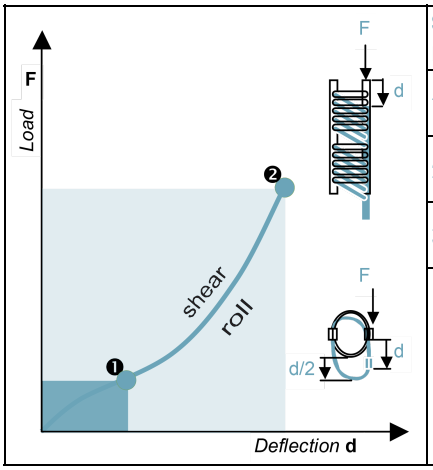


FH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1. Max Static	F lbf	4600	4000	3400	2800	2300	1900	1500
	d in	0.32	0.41	0.52	0.64	0.78	0.94	1.1
2. Max Shock	F lbf	14000	12000	10000	8400	6900	5700	4600
	d in	1.7	2.2	2.8	3.5	4.2	5.1	6.1
3. Max Vibration	2a in	0.19	0.25	0.31	0.38	0.46	0.56	0.67
	f Hz	6.1	5.3	4.7	4.2	3.8	3.4	3.1
1. Max Static	F lbf	4600	4000	3400	2800	2300	1900	1500
	d in	0.32	0.39	0.47	0.55	0.65	0.77	0.90
2. Max Shock	F lbf	63000	50000	40000	32000	26000	20000	16000
	d in	1.8	2.1	2.4	2.7	3.1	3.5	4.0
3. Max Vibration	2a in	0.20	0.23	0.26	0.29	0.34	0.39	0.45
	f Hz	7.0	6.4	5.8	5.4	5.0	4.6	4.3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1. Max Static	F lbf	3500	3000	2500	2100	1700	1400	1200
	d in	0.55	0.69	0.84	1.0	1.2	1.4	1.7
2. Max Shock	F lbf	9600	8200	6800	5600	4600	3800	3000
	d in	2.6	3.3	4.2	5.2	6.3	7.7	9.1
3. Max Vibration	2a in	0.29	0.37	0.46	0.57	0.70	0.84	1.0
	f Hz	5.1	4.4	3.9	3.5	3.2	2.8	2.6
1. Max Static	F lbf	3500	3000	2500	2100	1700	1400	1200
	d in	0.42	0.51	0.61	0.73	0.86	1.0	1.2
2. Max Shock	F lbf	32000	25000	20000	16000	13000	10000	8100
	d in	2.1	2.4	2.7	3.1	3.5	4.0	4.6
3. Max Vibration	2a in	0.23	0.26	0.30	0.34	0.39	0.44	0.51
	f Hz	6.2	5.7	5.2	4.8	4.4	4.1	3.8



SHEAR OR ROLL

FH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1. Max Static	F lbf	2300	2000	1700	1400	1200	950	770
	d in	0.42	0.55	0.71	0.90	1.1	1.4	1.6
2. Max Shock	F lbf	18000	14000	11000	8200	6400	5000	3900
	d in	2.2	2.6	3.1	3.6	4.3	5.1	5.9
3. Max Vibration	2a in	0.24	0.29	0.34	0.40	0.47	0.56	0.65
	f Hz	5.4	4.8	4.4	4.0	3.6	3.3	3.1

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