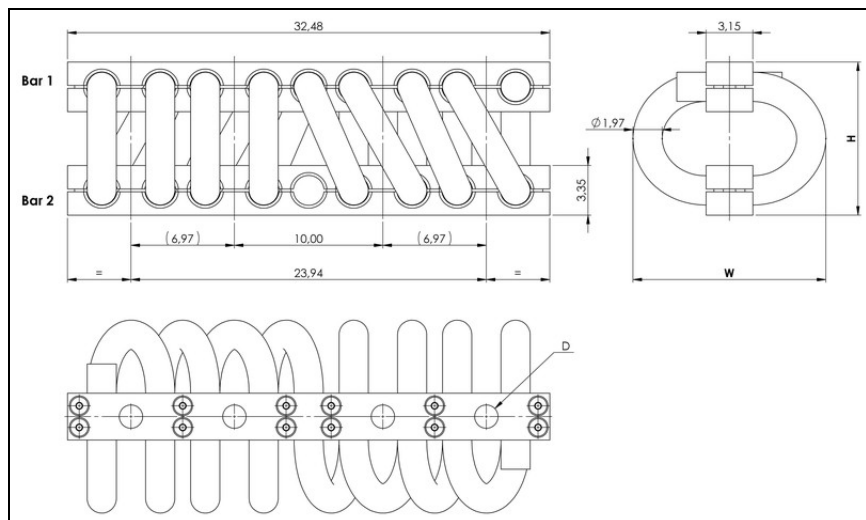


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH92



- 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)
FH92
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	10.3	13.0	180
-24	11.4	14.2	190
-28	12.6	15.6	210
-32	14.0	17.1	230
-36	15.6	18.9	260

INTERFACES			
fixtures holes D	Bar 1		
	ø 1.61 in through holes	ø 1.61 in through holes counter-sunk 82°	1 1/2 - 6 inserts
Bar 2			
ø 1.61 in through holes	T2	not standard	not standard
ø 1.61 in through holes counter-sunk 82°	TC	C2	not standard
1 1/2 - 6 inserts	TI	CI	I2

F	H	9	2	-	2	0	0	8	C	I
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SERIE: FH92
'Helical' mount from the
FH92 series

MODEL: -20
height: 10.3in
width: 13.0in
weight: 180lbs

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CI
ø 1.61 in through
holes counter-sunk
82° in bar 1,
1 1/2 - 6 inserts in
bar 2





COMPRESSION AND TENSION

FH92 Series	Model	-20	-24	-28	-32	-36
1.Max Static	F lbf	18000	16000	13000	11000	8700
	d in	0.67	0.84	1.0	1.3	1.5
2.Max Shock	F lbf	55000	47000	39000	32000	26000
	d in	3.6	4.6	5.7	6.9	8.4
3.Max Vibration	2a in	0.40	0.50	0.62	0.76	0.92
	f Hz	4.7	4.2	3.8	3.4	3.2
1.Max Static	F lbf	18000	16000	13000	11000	8700
	d in	0.60	0.73	0.87	1.0	1.2
2.Max Shock	F lbf	220000	180000	140000	110000	90000
	d in	3.0	3.5	4.1	4.7	5.5
3.Max Vibration	2a in	0.33	0.39	0.45	0.52	0.60
	f Hz	5.7	5.2	4.8	4.4	4.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH92 Series	Model	-20	-24	-28	-32	-36
1.Max Static	F lbf	14000	12000	9700	8000	6500
	d in	0.91	1.2	1.5	1.9	2.3
2.Max Shock	F lbf	37000	31000	26000	21000	17000
	d in	5.4	6.9	8.5	10	13
3.Max Vibration	2a in	0.60	0.75	0.94	1.1	1.4
	f Hz	3.6	3.2	2.8	2.6	2.3
1.Max Static	F lbf	14000	12000	9700	8000	6500
	d in	0.71	0.92	1.0	1.3	1.5
2.Max Shock	F lbf	110000	88000	71000	56000	45000
	d in	3.5	4.0	4.7	5.4	6.3
3.Max Vibration	2a in	0.38	0.44	0.52	0.59	0.69
	f Hz	4.6	4.2	3.9	3.6	3.3



SHEAR OR ROLL

FH92 Series	Model	-20	-24	-28	-32	-36
1.Max Static	F lbf	9200	7800	6400	5300	4300
	d in	0.86	1.1	1.3	1.6	2.1
2.Max Shock	F lbf	63000	49000	38000	29000	23000
	d in	4.0	4.8	5.8	6.8	8.1
3.Max Vibration	2a in	0.44	0.53	0.63	0.75	0.89
	f Hz	1.6	1.5	1.4	1.3	1.2

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