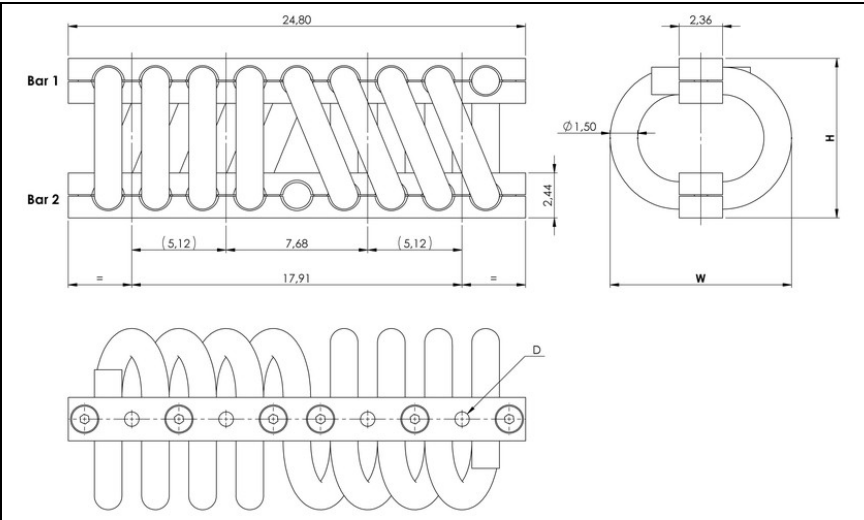


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH84



- 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)
FH84
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)
-16	7.7	9.8	79
-20	9.1	11.0	90
-24	10.2	12.6	100

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.80 in through holes	ø 0.80 in through holes counter-sunk 82°	3/4 - 10 inserts
Bar 2			
ø 0.80 in through holes	T2	not standard	not standard
ø 0.80 in through holes counter- sunk 82°	TC	C2	not standard
3/4 - 10 inserts	TI	CI	I2

F	H	8	4	-	1	6	0	8	C	I
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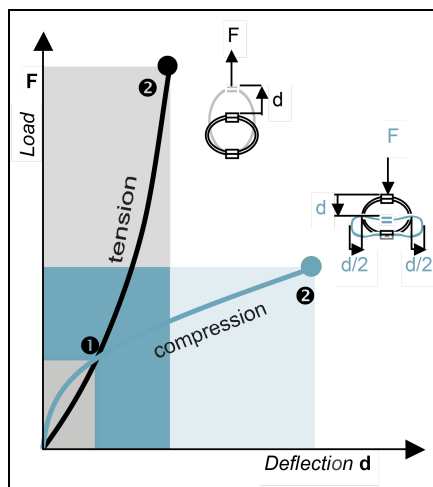
SERIE: FH84
'Helical' mount from the
FH84 series

MODEL: -16
height: 7.7in
width: 9.8in
weight: 79lbs

LOOPS: 08
Serie
standard is
08 loops

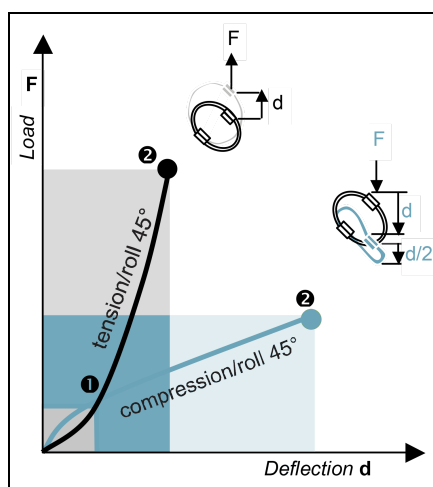
INTERFACE: CI
ø 0.80 in through
holes counter-sunk
82° in bar 1,
3/4 - 10 inserts in
bar 2





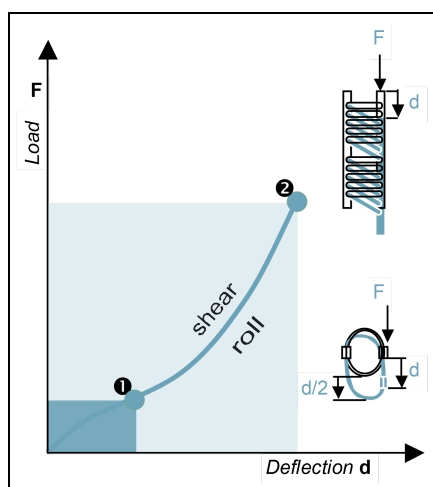
COMPRESSION AND TENSION

FH84 Series	Model	-16	-20	-24
1.Max Static	F lbf	8700	7100	5400
	d in	0.49	0.72	0.92
2.Max Shock	F lbf	26000	21000	16000
	d in	2.7	3.9	5.0
3.Max Vibration	2a in	0.29	0.43	0.55
	f Hz	5.5	4.6	4.1
1.Max Static	F lbf	8700	7100	5400
	d in	0.46	0.59	0.76
2.Max Shock	F lbf	110000	77000	58000
	d in	2.4	2.8	3.5
3.Max Vibration	2a in	0.27	0.30	0.39
	f Hz	6.4	5.8	5.2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH84 Series	Model	-16	-20	-24
1.Max Static	F lbf	6500	5300	4000
	d in	0.78	1.0	1.3
2.Max Shock	F lbf	18000	14000	11000
	d in	4.0	5.8	7.4
3.Max Vibration	2a in	0.44	0.64	0.82
	f Hz	4.1	3.4	3.0
1.Max Static	F lbf	6500	5300	4000
	d in	0.52	0.69	0.89
2.Max Shock	F lbf	55000	38000	29000
	d in	2.8	3.1	4.0
3.Max Vibration	2a in	0.31	0.35	0.45
	f Hz	5.2	4.7	4.2



SHEAR OR ROLL

FH84 Series	Model	-16	-20	-24
1.Max Static	F lbf	4300	3600	2700
	d in	0.60	0.85	1.2
2.Max Shock	F lbf	31000	21000	15000
	d in	3.1	3.9	5.0
3.Max Vibration	2a in	0.34	0.43	0.55
	f Hz	1.8	1.7	1.5

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