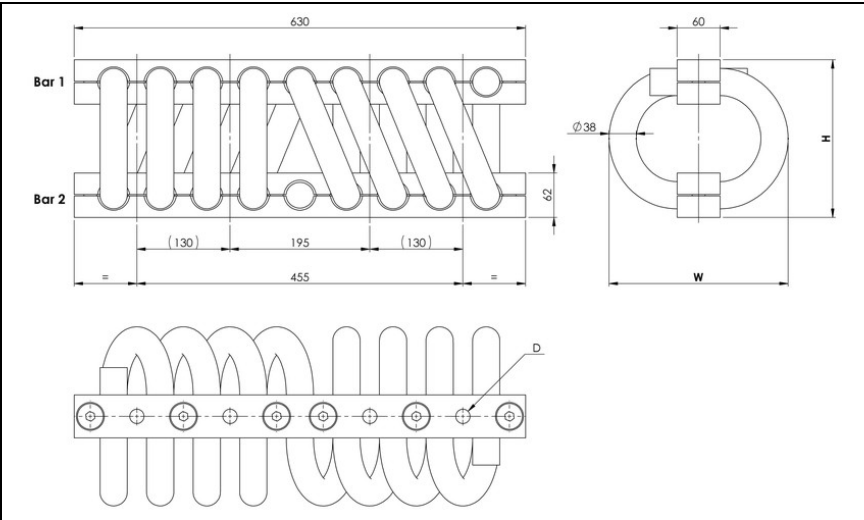


WIRE ROPE ISOLATORS: 'HELICAL'

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 millimeters. 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 (mm)	width W (mm)	weight (kg)
-16	195	250	36
-20	230	280	40.9
-24	260	320	46.2

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø21,5mm	4 through holes ø21,5mm counter-sunk 90°	4 inserts M20
Bar 2			
4 through holes ø21,5mm	TM2	not standard	not standard
4 through holes ø21,5mm counter-sunk 90°	TCM	CM2	not standard
4 inserts M20	TIM	CIM	IM2

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

MODEL: -16
height: 195mm
width: 250mm
weight: 36kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
4 through holes ø21,5mm
counter-sunk 90° in bar 1,
4 inserts M20 in bar 2





COMPRESSION AND TENSION

FH84 Series	Model	-16	-20	-24
1.Max Static	F daN	3856	3159	2383
	d mm	12.4	18.3	23.2
2.Max Shock	F daN	11570	9478	7151
	d mm	67	99	126
3.Max Vibration	2a mm	7.4	10.9	13.9
	f Hz	5.5	4.6	4.1
1.Max Static	F daN	3856	3159	2383
	d mm	11.8	15.1	19.3
2.Max Shock	F daN	48511	34243	25982
	d mm	62	69	90
3.Max Vibration	2a mm	6.8	7.7	9.9
	f Hz	6.4	5.8	5.2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH84 Series	Model	-16	-20	-24
1.Max Static	F daN	2892	2369	1787
	d mm	19.8	26.2	33.3
2.Max Shock	F daN	7866	6286	4748
	d mm	101	148	189
3.Max Vibration	2a mm	11.1	16.3	20.8
	f Hz	4.1	3.4	3
1.Max Static	F daN	2892	2369	1787
	d mm	13.1	17.5	22.6
2.Max Shock	F daN	24427	17105	12983
	d mm	71	79	102
3.Max Vibration	2a mm	7.8	8.8	11.3
	f Hz	5.2	4.7	4.2



SHEAR OR ROLL

FH84 Series	Model	-16	-20	-24
1.Max Static	F daN	1928	1579	1191
	d mm	15.1	21.6	31.2
2.Max Shock	F daN	13810	9270	6806
	d mm	78	99	127
3.Max Vibration	2a mm	8.6	10.9	14
	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