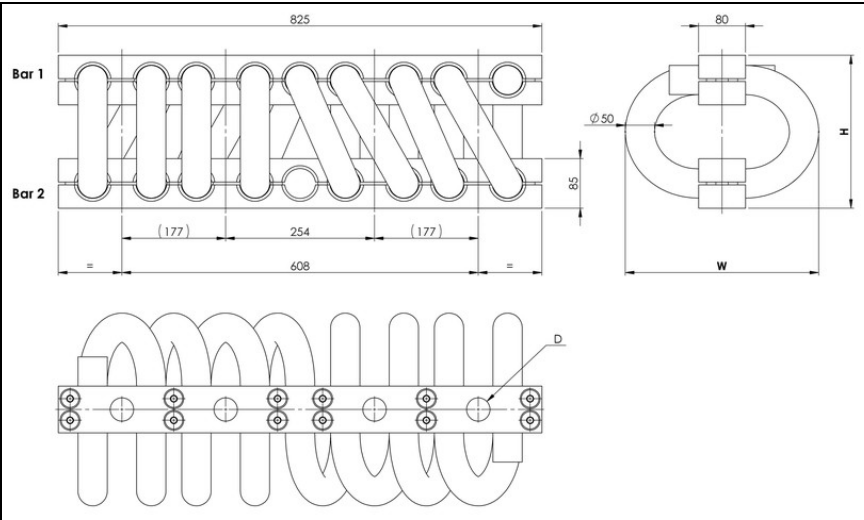


WIRE ROPE ISOLATORS: 'HELICAL'

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 millimeters. 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 (mm)	width W (mm)	weight (kg)
-20	262	330	80.4
-24	289	360	87.8
-28	320	395	96.4
-32	356	434	106.1
-36	397	480	117.3

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø39mm	4 through holes ø39mm counter-sunk 60°	4 inserts M36
Bar 2			
4 through holes ø39mm	TM2	not standard	not standard
4 through holes ø39mm counter- sunk 60°	TCM	CM2	not standard
4 inserts M36	TIM	CIM	IM2

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

MODEL: -20
height: 262mm
width: 330mm
weight: 80.4kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
4 through holes ø39mm
counter-sunk 60° in bar 1,
4 inserts M36 in bar 2





COMPRESSION AND TENSION

FH92 Series	Model	-20	-24	-28	-32	-36
1.Max Static	F daN	8225	6915	5725	4737	3867
	d mm	16.9	21.4	26.6	32.5	39.4
2.Max Shock	F daN	24677	20745	17177	14211	11601
	d mm	91	116	144	176	213
3.Max Vibration	2a mm	10.1	12.8	15.8	19.4	23.5
	f Hz	4.7	4.2	3.8	3.4	3.2
1.Max Static	F daN	8225	6915	5725	4737	3867
	d mm	15.3	18.5	22.2	26.3	31.1
2.Max Shock	F daN	97972	78513	62846	50293	40207
	d mm	77	89	104	119	139
3.Max Vibration	2a mm	8.5	9.8	11.5	13.2	15.3
	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 daN	6169	5186	4294	3552	2900
	d mm	23	29.9	37.8	47.3	58
2.Max Shock	F daN	16632	13871	11418	9391	7637
	d mm	137	174	216	264	319
3.Max Vibration	2a mm	15.2	19.2	23.8	29.1	35.2
	f Hz	3.6	3.2	2.8	2.6	2.3
1.Max Static	F daN	6169	5186	4294	3552	2900
	d mm	18.2	23.4	26.4	33.9	38.6
2.Max Shock	F daN	49195	39322	31415	25091	20035
	d mm	88	102	119	136	159
3.Max Vibration	2a mm	9.7	11.2	13.1	15.1	17.5
	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 daN	4112	3457	2862	2368	1933
	d mm	21.8	28.3	31.9	41.2	53.6
2.Max Shock	F daN	27974	21623	16795	13107	10259
	d mm	100	121	146	173	206
3.Max Vibration	2a mm	11.1	13.4	16.1	19.1	22.7
	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