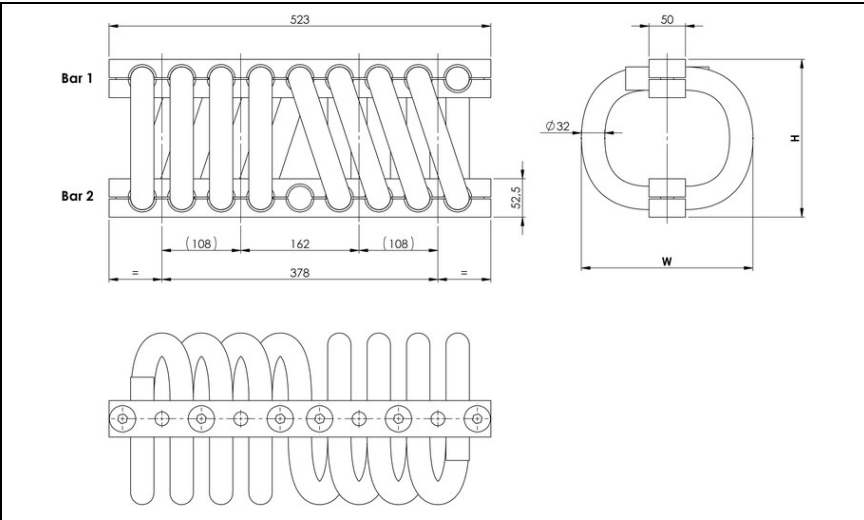


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH80



- 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)
FH80
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	180	210	22.2
-20	216	248	26.3
-24	235	270	28.5

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø20mm	4 through holes ø20mm counter-sunk 90°	4 inserts M18
Bar 2			
4 through holes ø20mm	TM2	not standard	not standard
4 through holes ø20mm counter- sunk 90°	TCM	CM2	not standard
4 inserts M18	TIM	CIM	IM2

F	H	8	0	-	1	6	0	8	C	I	M
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SERIE: FH80
'Helical' mount from the
FH80 series

MODEL: -16
height: 180mm
width: 210mm
weight: 22.2kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
4 through holes ø20mm
counter-sunk 90° in bar 1,
4 inserts M18 in bar 2





COMPRESSION AND TENSION

FH80 Series	Model	-16	-20	-24
1.Max Static	F daN	3020	2154	1808
	d mm	12.6	18.6	21.8
2.Max Shock	F daN	9062	6462	5425
	d mm	68	100	117
3.Max Vibration	2a mm	7.5	11.1	13
	f Hz	5.6	4.6	4.2
1.Max Static	F daN	3020	2154	1808
	d mm	10.1	14	16.3
2.Max Shock	F daN	31911	21522	17963
	d mm	46	60	70
3.Max Vibration	2a mm	5.1	6.7	7.7
	f Hz	7.2	6.2	5.7



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH80 Series	Model	-16	-20	-24
1.Max Static	F daN	2265	1615	1356
	d mm	18.4	23.1	27.2
2.Max Shock	F daN	5983	4222	3541
	d mm	102	151	176
3.Max Vibration	2a mm	11.3	16.6	19.4
	f Hz	4.1	3.5	3.2
1.Max Static	F daN	2265	1615	1356
	d mm	13	18.5	21.2
2.Max Shock	F daN	15916	10697	8925
	d mm	52	69	80
3.Max Vibration	2a mm	5.8	7.6	8.8
	f Hz	5.8	5	4.7



SHEAR OR ROLL

FH80 Series	Model	-16	-20	-24
1.Max Static	F daN	1510	1077	904
	d mm	14.7	24.3	27.6
2.Max Shock	F daN	8955	5695	4661
	d mm	67	93	109
3.Max Vibration	2a mm	7.4	10.3	12
	f Hz	2	1.8	1.7

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