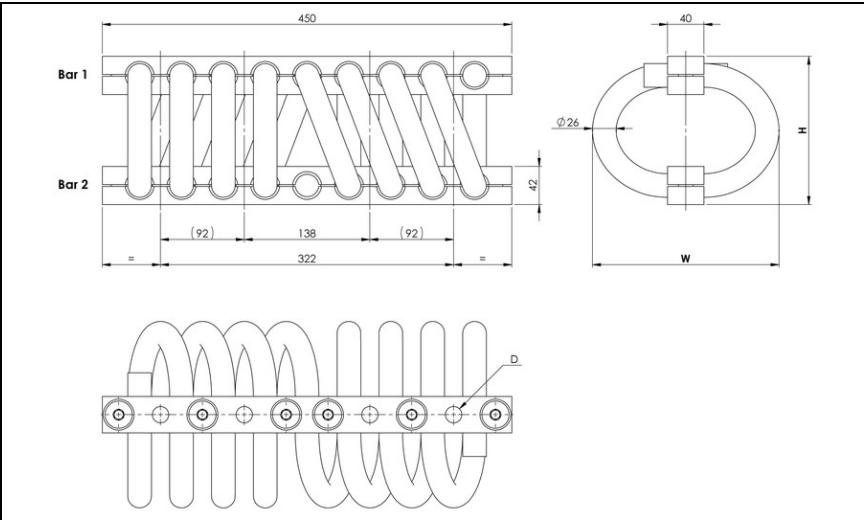


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH72



- 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)
FH72
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	133	172	11.7
-24	147	187	12.7
-28	163	205	14
-32	182	225	15.3
-36	203	249	17
-44	228	276	18.8
-46	256	308	20.9

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø17,5mm	4 through holes ø17,5mm counter-sunk 90°	4 inserts M16
Bar 2			
4 through holes ø17,5mm	TM2	not standard	not standard
4 through holes ø17,5mm counter-sunk 90°	TCM	CM2	not standard
4 inserts M16	TIM	CIM	IM2

F	H	7	2	-	2	0	0	8	C	I	M
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SERIE: FH72
'Helical' mount from the
FH72 series

MODEL: -20
height: 133mm
width: 172mm
weight: 11.7kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
4 through holes ø17,5mm
counter-sunk 90° in bar 1,
4 inserts M16 in bar 2





COMPRESSION AND TENSION

FH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1.Max Static	F daN	1816	1567	1317	1105	908	746	605
	d mm	8.1	10.5	13.1	16.3	19.8	23.9	28.6
2.Max Shock	F daN	5449	4703	3953	3316	2724	2238	1815
	d mm	44	56	71	88	107	129	154
3.Max Vibration	2a mm	4.8	6.2	7.8	9.7	11.8	14.3	17
	f Hz	6.8	6	5.4	4.9	4.4	4	3.7
1.Max Static	F daN	1816	1567	1317	1105	908	746	605
	d mm	8.1	9.9	11.9	14	16.6	19.4	22.8
2.Max Shock	F daN	24895	19809	15782	12544	10014	7963	6344
	d mm	46	52	60	67	78	88	102
3.Max Vibration	2a mm	5.1	5.8	6.6	7.5	8.6	9.8	11.3
	f Hz	7.5	7	6.4	6	5.6	5.2	4.8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1.Max Static	F daN	1362	1175	988	829	681	559	453
	d mm	12.5	16.6	21.3	22.7	28.1	34.7	41.9
2.Max Shock	F daN	3751	3199	2667	2217	1812	1480	1196
	d mm	66	85	106	132	160	194	232
3.Max Vibration	2a mm	7.3	9.4	11.7	14.6	17.7	21.4	25.5
	f Hz	5.1	4.5	4	3.6	3.3	3	2.8
1.Max Static	F daN	1362	1175	988	829	681	559	453
	d mm	9	11.1	14.3	17.8	19.9	25.3	28.7
2.Max Shock	F daN	12587	9977	7927	6282	5007	3974	3163
	d mm	53	60	68	77	89	101	117
3.Max Vibration	2a mm	5.9	6.6	7.6	8.5	9.8	11.2	12.9
	f Hz	6.1	5.6	5.2	4.9	4.5	4.2	3.9



SHEAR OR ROLL

FH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1.Max Static	F daN	908	783	658	552	454	373	302
	d mm	9.8	12.4	16	20.4	26.5	33.8	38.4
2.Max Shock	F daN	7080	5455	4223	3277	2562	2001	1570
	d mm	55	65	78	92	109	128	150
3.Max Vibration	2a mm	6.1	7.2	8.6	10.2	12	14.1	16.6
	f Hz	2.1	2	1.8	1.7	1.6	1.5	1.4

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