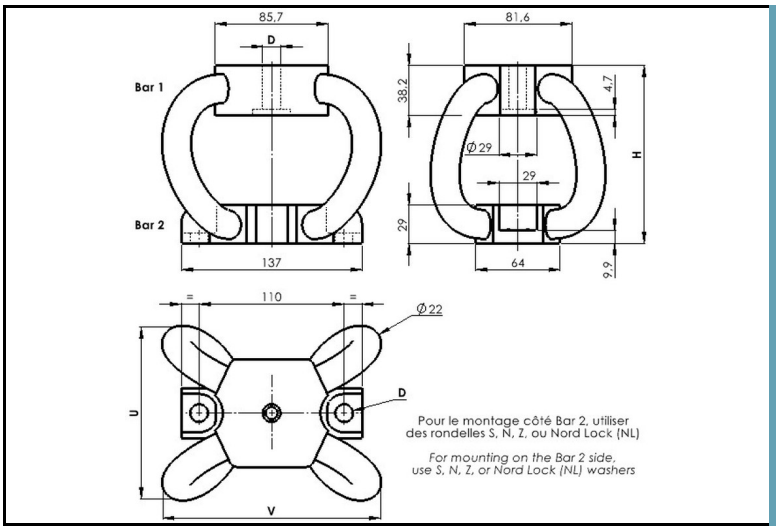
WIRE ROPE ISOLATOR: 'POLYCAL'



- 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 (- 290°F to 570°F)
- Great adaptability/versatility

Dimensions are in milimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
MP17
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-315	133	141	181	2,2
-375	154	152	184	2,7
-415	160	163	205	2,9
-515	194	185	222	3,6
-615	220	208	242	4,2

INTERFACES	
fixtures holes D	
Bar 1	1 through hole ø13,5 mm (option:Insert M16)
Bar 2	2 through holes ø13,5 mm

M	P	1	7	-	3	1	5

SERIE: MP17
'Polycal' mount from the MP17 series

MODEL: -315
height: 133mm
width: 141mm
weight: 2,2kg

ISO 9001 ROHS Compliant

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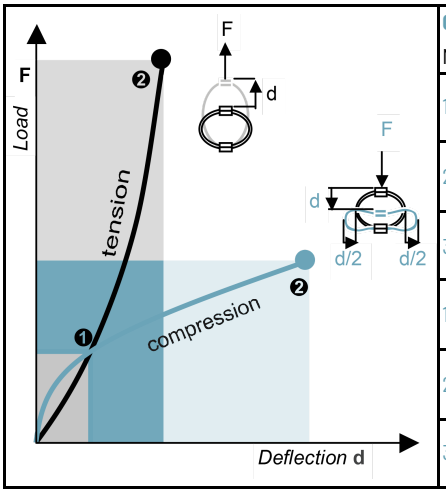
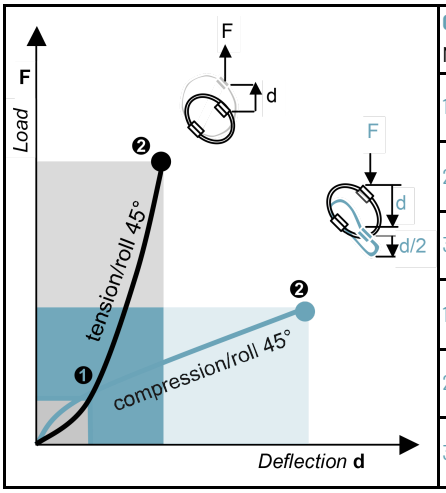


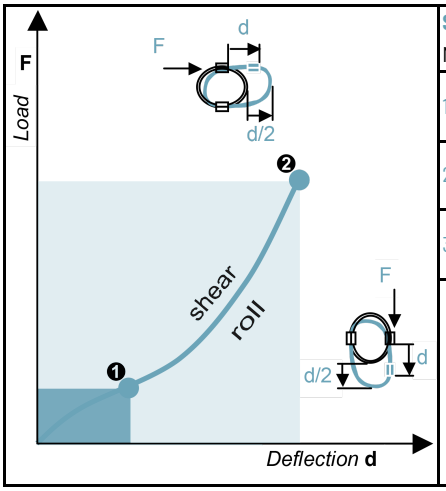
COMPRESSION AND TENSION

MP17 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F daN	255	225	179	156	120
	d mm	11,4	14,4	15,9	20,8	25,8
2.Max Shock	F daN	765	677	539	468	361
	d mm	61	77	86	113	140
3.Max Vibration	2a mm	6,8	8,6	9,5	12,4	15,4
	f Hz	5,8	5,2	4,9	4,4	3,9
1.Max Static	F daN	255	225	179	156	120
	d mm	9,8	11,2	13,5	15	18,2
2.Max Shock	F daN	2896	2329	2003	1502	1137
	d mm	47	50	63	62	74
3.Max Vibration	2a mm	5,2	5,5	7	6,9	8,2
	f Hz	7,2	6,8	6,2	6	5,5



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP17 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F daN	191	169	134	117	90,3
	d mm	15,9	21,3	22,4	26,7	33,6
2.Max Shock	F daN	511	445	359	303	233
	d mm	92	116	129	169	210
3.Max Vibration	2a mm	10,2	12,9	14,2	18,6	23,1
	f Hz	4,4	3,9	3,7	3,3	2,9
1.Max Static	F daN	191	169	134	117	90,3
	d mm	12,5	13,8	16,4	18,5	21,6
2.Max Shock	F daN	1450	1160	1002	745	563
	d mm	54	57	73	71	85
3.Max Vibration	2a mm	6	6,3	8	7,9	9,4
	f Hz	5,8	5,5	5	4,9	4,4



SHEAR OR ROLL

MP17 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F daN	127	112	90	78,1	60,2
	d mm	18,4	23	26,7	32,7	42,3
2.Max Shock	F daN	586	512	409	342	257
	d mm	64	74	88	101	123
3.Max Vibration	2a mm	7,1	8,2	9,8	11,2	13,6
	f Hz	4,8	4,4	4	3,8	3,4

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