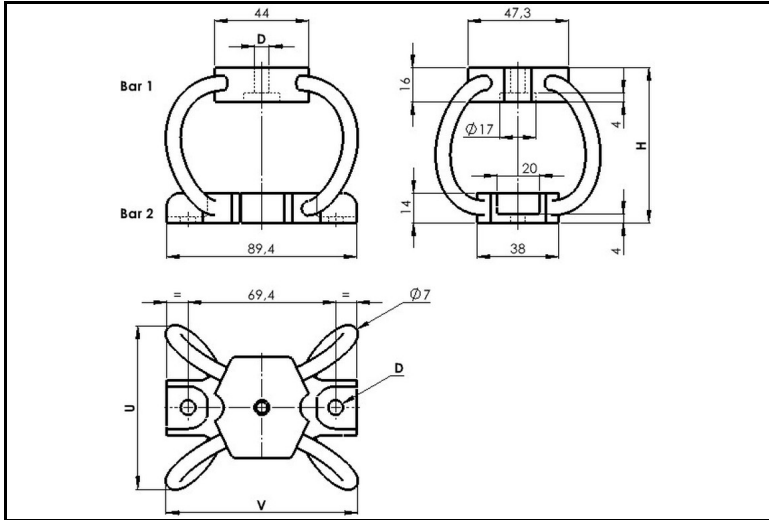


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP9



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
MP9 Cable: stainless steel Retainer bars: aluminium alloy Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-125	55	65	79	0,20
-180	73	77	90	0,23
-230	86	85	102	0,26
-280	106	97	114	0,29

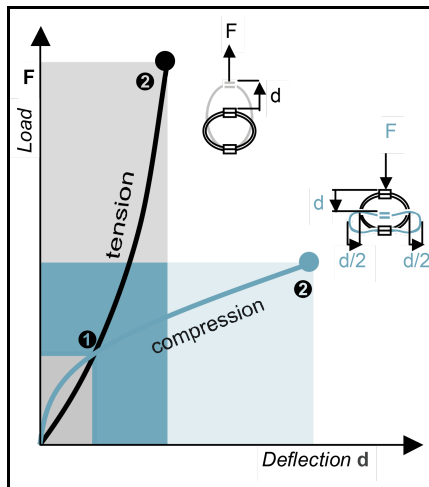
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø7 mm (option:Insert M10)	Bar 1

M	P	9	-	1	2	5
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SERIE: MP9
'Polycal' mount from
the MP9 series

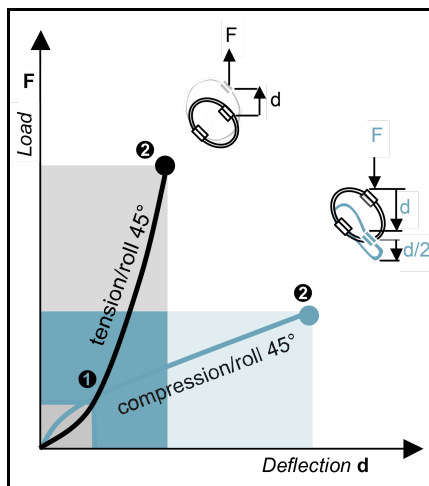
MODEL: -125
height: 55mm
width: 65mm
weight: 0,20kg





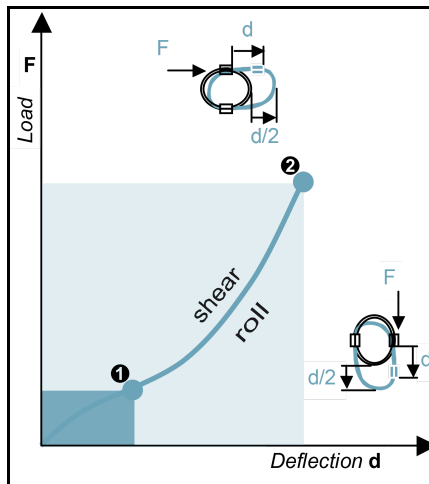
COMPRESSION AND TENSION

MP9 Series	Model	-125	-180	-230	-280
1.Max Static	F daN	20,3	13,2	9,6	6,4
	d mm	4,2	7,2	9,4	12,6
2.Max Shock	F daN	60,8	39,6	28,7	19,2
	d mm	23	39	50	68
3.Max Vibration	2a mm	2,5	4,3	5,6	7,6
	f Hz	9,6	7,4	6,4	5,6
1.Max Static	F daN	20,3	13,2	9,6	6,4
	d mm	3,5	5,1	7,4	8,7
2.Max Shock	F daN	216	124	99	59,1
	d mm	15	20	32	35
3.Max Vibration	2a mm	1,8	2,3	3,6	3,9
	f Hz	12,2	10,4	8,5	8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP9 Series	Model	-125	-180	-230	-280
1.Max Static	F daN	15,2	9,9	7,2	4,8
	d mm	6,2	9,5	13,9	16,9
2.Max Shock	F daN	40,2	25,6	18,9	12,3
	d mm	34	58	76	103
3.Max Vibration	2a mm	3,8	6,5	8,4	11,4
	f Hz	7,1	5,6	4,8	4,2
1.Max Static	F daN	15,2	9,9	7,2	4,8
	d mm	4,5	6	9,1	11,3
2.Max Shock	F daN	108	61,4	49,3	29,2
	d mm	18	23	37	40
3.Max Vibration	2a mm	2	2,6	4,1	4,4
	f Hz	10	8,4	6,8	6,5



SHEAR OR ROLL

MP9 Series	Model	-125	-180	-230	-280
1.Max Static	F daN	10,1	6,6	4,8	3,2
	d mm	6,9	11,9	16,4	20,9
2.Max Shock	F daN	43,1	27,2	22,1	13,6
	d mm	22	34	48	59
3.Max Vibration	2a mm	2,5	3,8	5,4	6,6
	f Hz	7,9	6,4	5,4	4,8

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