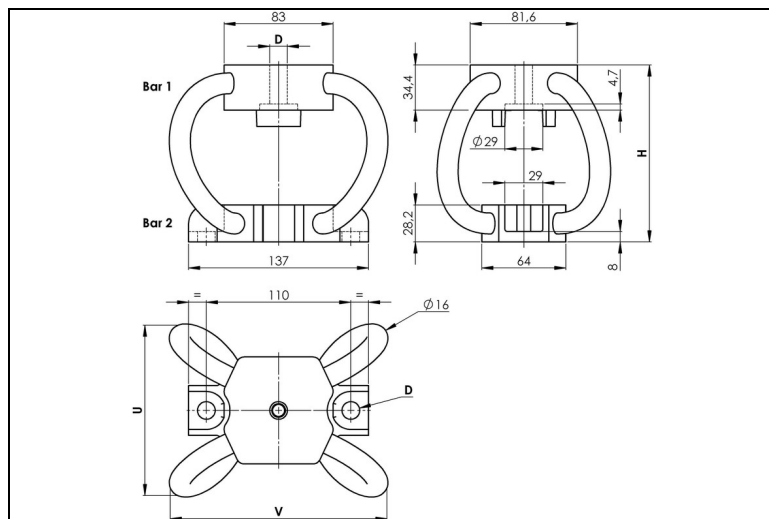


# WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION  
**series MP15**



- 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)
<b>MP15</b>
<b>Cable:</b> stainless steel
<b>Retainer bars:</b> aluminium alloy
<b>Inserts:</b> stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-315	131	133	175	1,8
-375	151	151	188	1,9
-415	165	154	190	2,0
-515	192	179	212	2,2
-615	223	200	236	2,4

INTERFACES	
fixtures holes D	
Bar 1	1 through hole $\varnothing 13,5$ mm (option: Insert M16)
Bar 2	2 through holes $\varnothing 13,5$ mm

**M P 1 5 - 3 1 5**

SERIE: MP15  
'Polycal' mount from the MP15 series

MODEL: -315  
height: 131mm  
width: 133mm  
weight: 1,8kg



		COMPRESSION AND TENSION					
MP15 Series	Model	-315	-375	-415	-515	-615	
1. Max Static	F daN	90,2	71,0	69,9	50,7	39,6	
	d mm	11,2	15,8	17,4	22,3	26,8	
2. Max Shock	F daN	270	213	209	151	118	
	d mm	61	79	92	116	144	
3. Max Vibration	2a mm	6,8	8,8	10,1	12,8	15,9	
	f Hz	5,0	4,3	3,8	3,4	3,0	
1. Max Static	F daN	90,2	71,0	69,9	50,7	39,6	
	d mm	9,8	12,0	12,2	15,6	18,6	
2. Max Shock	F daN	1017	763	668	490	372	
	d mm	46	55	50	65	76	
3. Max Vibration	2a mm	5,2	6,1	5,6	7,2	8,4	
	f Hz	6,5	5,9	5,8	5,2	4,7	

		COMPRESSION/ROLL 45° - TENSION/ROLL 45°					
MP15 Series	Model	-315	-375	-415	-515	-615	
1. Max Static	F daN	67,6	53,3	52,4	38,0	29,7	
	d mm	17,9	22,7	24,4	31,4	38,2	
2. Max Shock	F daN	180	140	135	98,3	76,3	
	d mm	92	119	138	174	216	
3. Max Vibration	2a mm	10,2	13,1	15,2	19,2	23,8	
	f Hz	4,2	3,6	3,3	2,9	2,6	
1. Max Static	F daN	67,6	53,3	52,4	38,0	29,7	
	d mm	12,8	15,9	16,2	20,9	25,0	
2. Max Shock	F daN	509	381	331	242	183	
	d mm	53	63	57	75	87	
3. Max Vibration	2a mm	5,9	7,0	6,4	8,3	9,6	
	f Hz	5,8	5,2	5,2	4,6	4,2	

		SHEAR OR ROLL					
MP15 Series	Model	-315	-375	-415	-515	-615	
1. Max Static	F daN	45,1	35,5	34,9	25,3	19,8	
	d mm	21,8	22,0	25,8	33,0	41,5	
2. Max Shock	F daN	245	180	154	112	84,2	
	d mm	64	79	82	105	126	
3. Max Vibration	2a mm	7,1	8,7	9,0	11,6	13,9	
	f Hz	4,8	4,3	4,1	3,6	3,3	
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