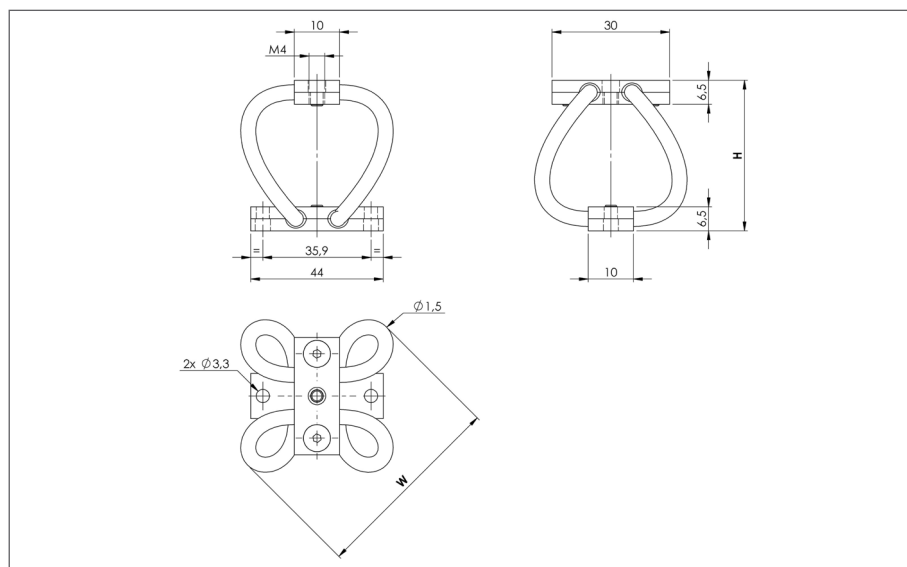


WIRE ROPE ISOLATORS: MACHINED LINE "POLYCAL"

PERFORMANCES
series AP2/SP2



- All metal multidirectional anti-vibration/shock mounts.
- Exceptional reliability and long life.
- High damping.
- No ageing.
- Corrosion resistant.
- Unequalled temperature range : -180°C +300°C.
- Cheap and quick prototypes from stock.

Dimensions are in mm. For reference only.

SERIES Materials and finishes	
AP2 Cable: stainless steel. Bars: aluminium alloy/surtec 650. Screws: Alloy steel/zinc plate (Inserts: alloy steel/zinc plate)	SP2 Cable: stainless steel. Bars: stainless steel. Screws: stainless steel.
Other materials on request	

MODEL	AP2		SP2	
	height h (mm)	width w (mm)	mass (kg)	mass (kg)
-30	15	24	0,011	0,025
-35	17	25	0,011	0,025
-40	18	27	0,012	0,026
-45	20	29	0,012	0,026
-50	21	30	0,012	0,027

EXAMPLE
AP2-35

A	P	2	-	3	5
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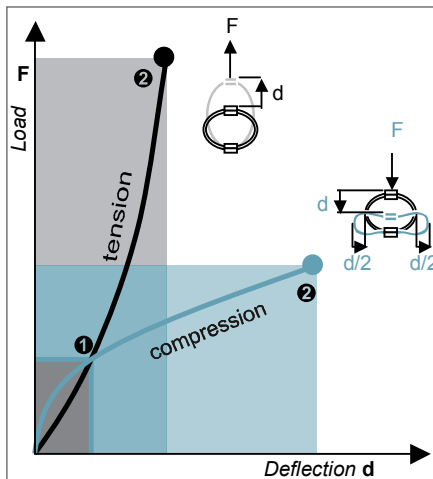
PREFIX:
machined 'Polycal'
mount
from the AP2 series

MODEL: -35
height: 17 mm
width: 25 mm
mass: 0,011 kg



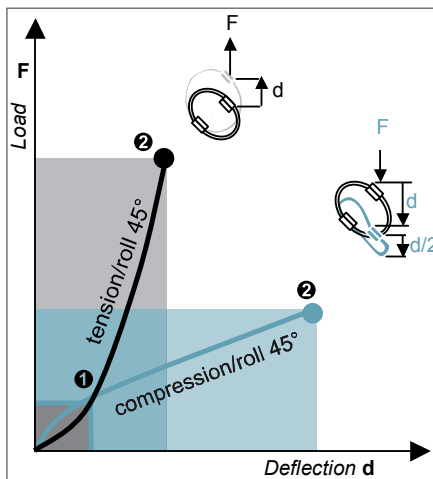
WIRE ROPE ISOLATORS: MACHINED LINE “POLYCAL”

PERFORMANCES
series AP2/SP2



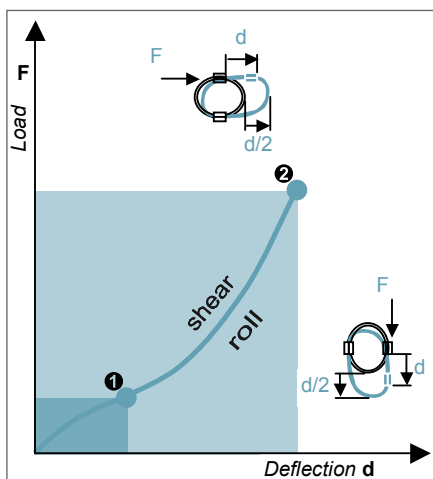
COMPRESSION AND TENSION

AP2/SP2 Series	Model	-30	-35	-40	-45	-50				
1. Max Static	F daN	0,7	0,7	0,6	0,5	0,5				
	d mm	0,7	1,0	1,2	1,5	1,7				
2. Max Shock	F daN	2	2	2	1	1				
	d mm	4	5	6	8	9				
3. Max Vibration	2a mm	0,4	0,6	0,7	0,9	1,0				
	f Hz	23	18	17	15	14				
1. Max Static	F daN	0,7	0,7	0,6	0,5	0,5				
	d mm	0,5	0,8	0,9	1,2	1,3				
2. Max Shock	F daN	5	4	4	3	3				
	d mm	2	3	3	4	5				
3. Max Vibration	2a mm	0,2	0,3	0,4	0,5	0,5				
	f Hz	30	23	21	19	17				



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

AP2/SP2 Series	Model	-30	-35	-40	-45	-50				
1. Max Static	F daN	0,5	0,5	0,4	0,4	0,3				
	d mm	0,9	1,4	1,6	2,1	2,3				
2. Max Shock	F daN	1	1	1	1	1				
	d mm	5	8	9	11	13				
3. Max Vibration	2a mm	0,6	0,8	1,0	1,3	1,4				
	f Hz	19	15	14	12	11				
1. Max Static	F daN	0,4	0,4	0,4	0,3	0,3				
	d mm	0,6	1,0	1,1	1,4	1,6				
2. Max Shock	F daN	3	3	3	2	2				
	d mm	2	3	4	5	6				
3. Max Vibration	2a mm	0,3	0,4	0,4	0,6	0,6				
	f Hz	26	21	19	17	16				



SHEAR OR ROLL

AP2/SP2 Series	Model	-30	-35	-40	-45	-50				
1. Max Static	F daN	0,3	0,3	0,3	0,2	0,2				
	d mm	1,1	1,7	2,0	2,6	2,8				
2. Max Shock	F daN	2	2	2	1	1				
	d mm	4	6	7	9	9				
3. Max Vibration	2a mm	0,5	0,7	0,8	1,0	1,1				
	f Hz	19	15	14	12	11				

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:

Ground Forces

GAM EG13A, SEFT 001, MIL-STD-810, VG 95332.

Air

AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.

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.