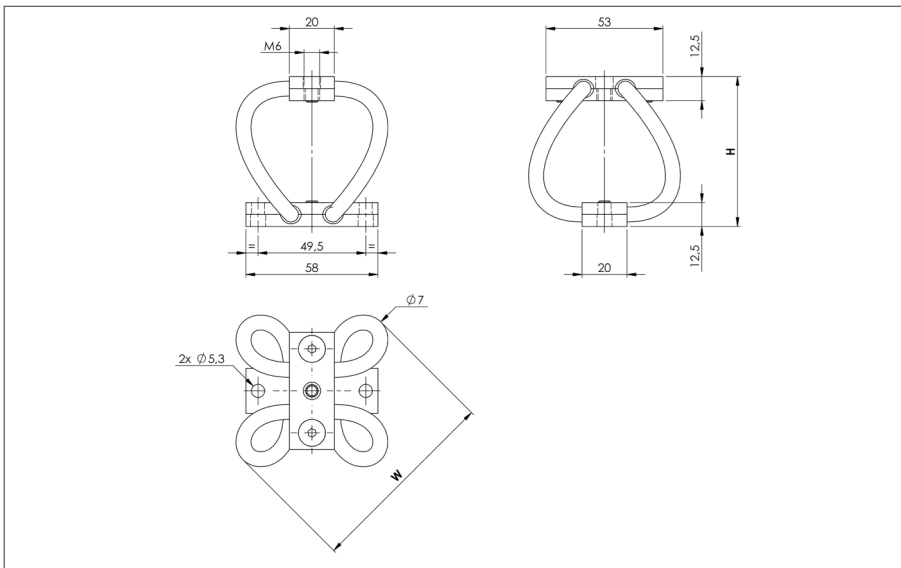


WIRE ROPE ISOLATORS: MACHINED LINE "POLYCAL"

PERFORMANCES
series AP9/SP9



- 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	
AP9 Cable: stainless steel. Bars: aluminium alloy/surtec 650. Screws: Alloy steel/zinc plate (Inserts: alloy steel/zinc plate)	SP9 Cable: stainless steel. Bars: stainless steel. Screws: stainless steel.
Other materials on request	

MODEL	AP9	SP9		
	height h (mm)	width w (mm)	mass (kg)	mass (kg)
-125	52	74	0,155	0,240
-145	59	80	0,167	0,252
-170	67	88	0,182	0,266
-195	75	96	0,197	0,282
-220	83	104	0,212	0,296

EXAMPLE
AP9-125



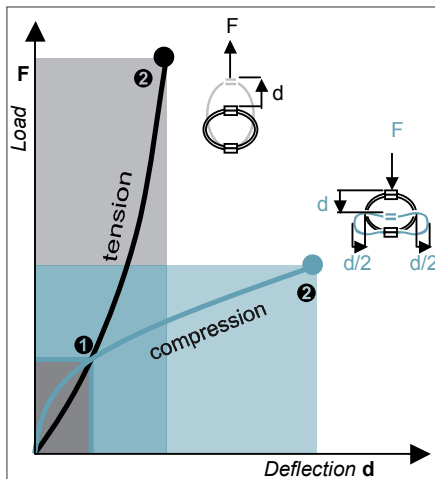
PREFIX:
machined 'Polycal'
mount
from the AP9 series

MODEL: -125
height: 52 mm
width: 74 mm
mass: 0,155 kg



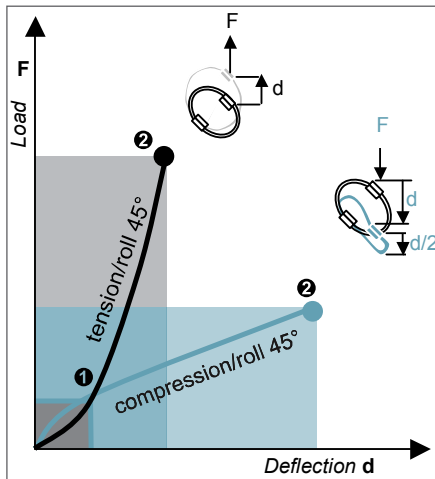
WIRE ROPE ISOLATORS: MACHINED LINE “POLYCAL”

PERFORMANCES
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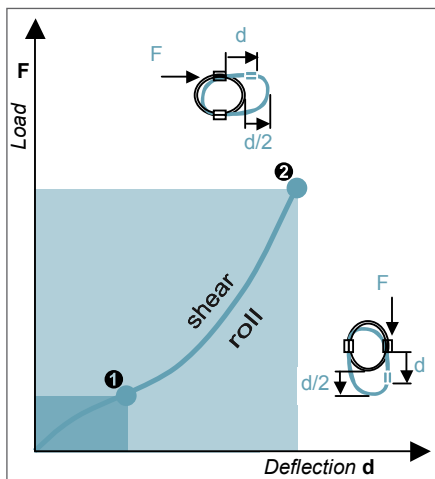
COMPRESSION AND TENSION

AP9/SP9 Series	Model	-125	-145	-170	-195	-220			
1. Max Static	F daN	19,4	16,7	13,9	11,9	10,2			
	d mm	4,5	5,6	7,0	8,3	9,6			
2. Max Shock	F daN	58	50	42	36	31			
	d mm	24	31	38	45	52			
3. Max Vibration	2a mm	2,7	3,4	4,2	5,0	5,8			
	f Hz	8	7	6	5	5			
1. Max Static	F daN	19,5	16,7	14,0	11,9	10,3			
	d mm	3,5	4,4	5,5	6,5	7,6			
2. Max Shock	F daN	130	112	93	79	69			
	d mm	12	15	19	23	26			
3. Max Vibration	2a mm	1,4	1,8	2,2	2,6	3,0			
	f Hz	10	9	8	7	6			



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

AP9/SP9 Series	Model	-125	-145	-170	-195	-220			
1. Max Static	F daN	13,8	11,8	9,8	8,4	7,2			
	d mm	6,3	8,0	9,9	11,7	13,6			
2. Max Shock	F daN	41	35	30	25	22			
	d mm	34	43	53	64	74			
3. Max Vibration	2a mm	3,8	4,8	5,9	7,0	8,2			
	f Hz	6	6	5	4	4			
1. Max Static	F daN	12,5	10,7	8,9	7,6	6,6			
	d mm	4,3	5,4	6,7	8,0	9,2			
2. Max Shock	F daN	90	77	64	55	47			
	d mm	15	19	24	29	33			
3. Max Vibration	2a mm	1,7	2,2	2,7	3,2	3,7			
	f Hz	9	8	7	6	6			



SHEAR OR ROLL

AP9/SP9 Series	Model	-125	-145	-170	-195	-220			
1. Max Static	F daN	9,2	7,9	6,6	5,6	4,8			
	d mm	7,7	9,7	11,9	14,2	16,5			
2. Max Shock	F daN	58	50	42	36	31			
	d mm	26	32	40	47	55			
3. Max Vibration	2a mm	3,1	3,9	4,8	5,7	6,6			
	f Hz	6	6	5	4	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:

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.