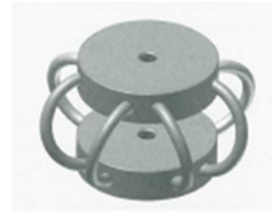


# GAM-CAB-RX



## General purpose

GAM-CAB wire isolators are manufactured from stainless steel cables.

The particular advantages of these elements are due to their large deformation capability for shock absorption purposes and the unusually good vibration damping caused by the friction between the individual wires when the cables deform.

## Applications

Especially suitable for sensitive mobile equipment, heavy rotating machines, avionics, shipboard electronics and many vibration sensitive devices

## Specifications

NATO, STANAG, MIL, GAM-EG-13

## Codifications

The reference is: GAM-CAB-RX-XX-XXX

## Construction (Standards or special designs)

### Cable:

Stainless steel 1.4301 (AISI 304)  
Stainless steel 1.4401 (AISI 316)

### Bars:

Aluminium 3.3211, chromised (6061)  
Aluminium 3.3547, chromised (5083)  
Stainless steel 1.4301/1.4401/1.4571

### Screws:

Steel, galvanised

### Connections:

Stainless steel 1.4401 (AISI 316)  
Stainless steel 1.4571 (AISI 316 Ti)  
(mounting screws are not included)

### Thread inserts:

Stainless steel 1.4300 (AISI 302)

### Temperature range:

-70°C to +260°C

### Electrical conductivity:

Electrical resistance <  $2 \cdot 10^{-3} \Omega$

### Tolerances:

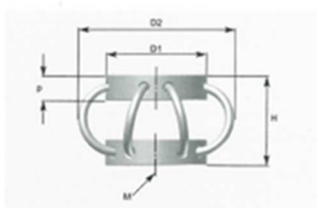
Fastening holes :  $\pm 0,2\text{mm}$   
Element width and height :  $\pm 2\text{mm}$

### Deflection datas:

$\pm 10\%$  for compression and tensile  
 $\pm 20\%$  for all the directions

## Dimensions

Dimensions type RX



Typ type	Befestigung / fastening M	D1 [mm]	p [mm]
RX 30...	M6	30	8
RX 35...	M6	35	10
RX 48...	M6	48	12
RX 63...	M10	63	15

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P/N	Weight (kg)	H (mm)	D2 (mm)	Load Direction	Max. Static Load (daN)	Static Deflection (mm)	Max. Spring Force(N)	Max. Deflection (mm)
GAM-CAB-RX-30-001	0,04	26	52	Axial (-)	7,5	3	140	8
				Axial (+)	10,0	2	250	4,5
				Radial (±)	2,1	3	53	8
GAM-CAB-RX-30-002	0,042	31	60	Axial (-)	4,0	3	100	14
				Axial (+)	3,0	2	170	8
				Radial (±)	1,0	3	53	14
GAM-CAB-RX-30-003	0,045	39	71	Axial (-)	2,6	5	63	21
				Axial (+)	1,9	4	110	14
				Radial (±)	0,63	5	33	21
GAM-CAB-RX-30-004	0,050	51	89	Axial (-)	1,4	6	35	30
				Axial (+)	1,3	6	72	21
				Radial (±)	0,52	6	20	30

P/N	Weight (kg)	H (mm)	D2 (mm)	Load Direction	Max. Static Load (daN)	Static Deflection (mm)	Max. Spring Force(N)	Max. Deflection (mm)
GAM-CAB-RX-35-001	0,065	32	60	Axial (-)	9,3	2	180	7
				Axial (+)	12,6	2	270	5
				Radial (±)	2,7	2	70	7
GAM-CAB-RX-35-002	0,070	39	71	Axial (-)	5,6	5	130	17
				Axial (+)	6,1	3	200	9
				Radial (±)	1,8	5	60	17
GAM-CAB-RX-35-003	0,075	47	82	Axial (-)	3,9	6	90	24
				Axial (+)	2,8	4	140	15
				Radial (±)	0,8	6	50	24
GAM-CAB-RX-35-004	0,080	62	96	Axial (-)	1,3	7	50	38
				Axial (+)	3,0	6	100	18
				Radial (±)	0,2	7	30	38

P/N	Weight (kg)	H (mm)	D2 (mm)	Load Direction	Max. Static Load (daN)	Static Deflection (mm)	Max. Spring Force(N)	Max. Deflection (mm)
GAM-CAB-RX-48-001	0,150	38	78	Axial (-)	28,0	3	640	11
				Axial (+)	25,0	2	1160	8
				Radial (±)	8,7	3	320	11
GAM-CAB-RX-48-002	0,170	49	96	Axial (-)	15,0	5	400	22
				Axial (+)	13,5	4	760	17
				Radial (±)	4,4	5	190	22
GAM-CAB-RX-48-003	0,190	56	112	Axial (-)	7,4	5	260	29
				Axial (+)	7,1	5	460	24
				Radial (±)	2,2	5	130	29
GAM-CAB-RX-48-004	0,215	75	133	Axial (-)	4,2	6	160	50
				Axial (+)	5,6	6	370	32
				Radial (±)	1,1	6	110	50

# GAM-CAB-RX

P/N	Weight (kg)	H (mm)	D2 (mm)	Load Direction	Max. Static Load (daN)	Static Deflection (mm)	Max. Spring Force(N)	Max. Deflection (mm)
GAM-CAB-RX-63-001	0,355	57	108	Axial (-)	48,0	5	1090	22
				Axial (+)	45,0	4	1890	13
				Radial (±)	11,0	5	550	20
GAM-CAB-RX-63-002	0,380	60	120	Axial (-)	28,0	6	750	27
				Axial (+)	24,0	5	1470	20
				Radial (±)	8,0	6	370	27
GAM-CAB-RX-63-003	0,395	74	133	Axial (-)	24,0	8	590	40
				Axial (+)	20,0	6	1070	24
				Radial (±)	5,0	8	400	40
GAM-CAB-RX-63-004	0,415	83	148	Axial (-)	13,0	8	450	50
				Axial (+)	12,0	6	920	33
				Radial (±)	3,0	8	260	50