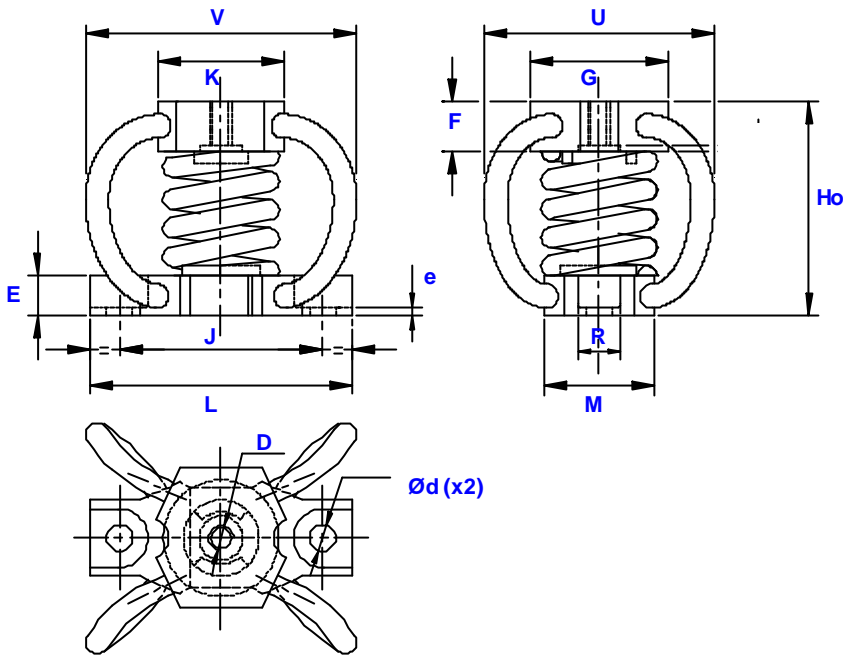


low frequency metal isolators standard line "Spring-Polycal"

series
RP69

definition



Dimensions are in mm.

Dimensions for reference only.

- All metal low frequencies anti-vibration mounts for vertical loading.
- Exceptional reliability and long life.
- High damping at resonance.
- No ageing.
- Corrosion resistant.
- Unequaled temperature range : -180°C +300°C.
- Great adaptability / versatility. Specials on request (high static load, etc.)



Series

Materials and finishes

RP69

Cable :
stainless steel.
Interfaces :
aluminium alloy.
Spring :
high tensile steel
paint or phosphate
coating
Insert :
stainless steel.

Dimensions

Type (mm)	U	V	Ho	G	K	L	M	E	e	F	R	J	D	d
-0	70	80	61,5	35	39	60,4	29	10	2	12	14	49,4	M8	5,8
-1	85	110	79,5	47,5	42,5	89,4	37,5	13,4	3	16	20	69,4	M10	7
-2	115	145	95	61,5	59	118	50	18,2	4	24	28	89,6	M12	9

Load

Type

min / max capability (kg)	Type		
	RP69-0	RP69-1	RP69-2
1	4	21	59
	7	36	111
2	7	not standard	88
	13		163
3	9	33	120
	16	62	230
4	11	56	167
	21	111	328

Example :
RP69-13

R P 6 9 - 1 3

Prefix :
"Spring-Polycal" mount
from the **RP69** series
Natural frequency from 6 to 9 Hz

Model : -1
height Ho : 79,5 mm
width U : 85 mm
width V : 110 mm

Suffix : 3
Load capability from
33 kg at 9 Hz to
62 kg at 6 Hz

01/01/2003

Socitec
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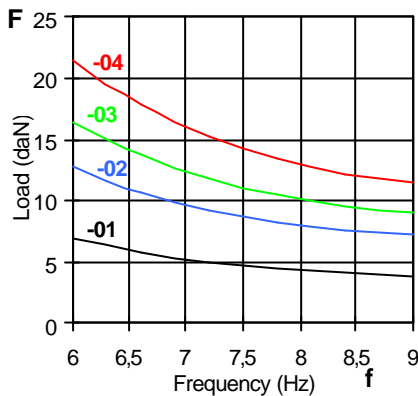


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series RP69

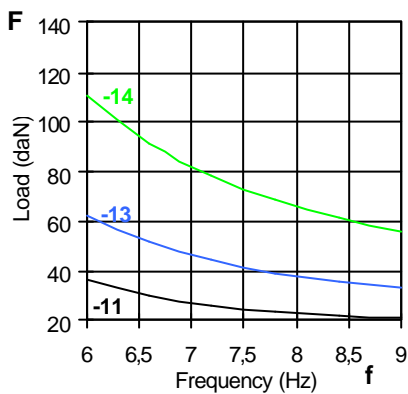
low frequency metal isolators standard line "Spring-Polycal"

performances*



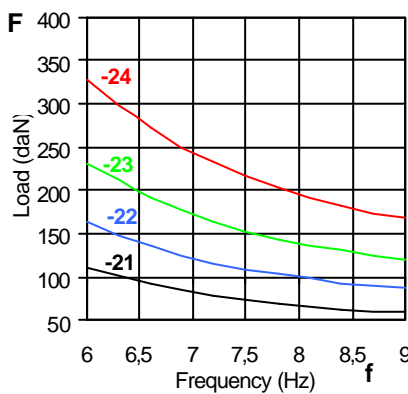
Compression

RP69-0 series		Model	1	2	3	4						
Max static	F	daN	6,9	12,7	15,7	20,6						
	d	mm	7	7	7	7						
Max vibration	2a	mm	2	2	2	2						
	f	Hz	6	6	6	6						
Min static	F	daN	3,9	6,9	8,8	10,8						
	d	mm	3	3	3	3						
Max vibration	2a	mm	2	2	2	2						
	f	Hz	9	9	9	9						



Compression

RP69-1 series		Model	1	3	4							
Max static	F	daN	35,3	60,8	109							
	d	mm	7	7	7							
Max vibration	2a	mm	2	2	2							
	f	Hz	6	6	6							
Min static	F	daN	20,6	32,4	54,9							
	d	mm	3	3	3							
Max vibration	2a	mm	2	2	2							
	f	Hz	9	9	9							



Compression

RP69-2 series		Model	1	2	3	4						
Max static	F	daN	109	160	226	322						
	d	mm	7	7	7	7						
Max vibration	2a	mm	2	2	2	2						
	f	Hz	6	6	6	6						
Min static	F	daN	57,9	86,3	118	164						
	d	mm	3	3	3	3						
Max vibration	2a	mm	2	2	2	2						
	f	Hz	9	9	9	9						

- ① Max static load (F) with corresponding deflection (d)
- ② Min static load (F) with corresponding deflection (d)
- ③ Uncoupled resonant frequency (f) under static loading ① or ② and max peak to peak sinusoidal vibration input (2a)

* **Important** : Performance characteristics are given here for reference only.
They can be decreased or increased under specific conditions.
Contact us.

01/01/2003

Typical vibration

Applications :

Direct or indirect isolation of rotating or vibrating machinery
Generating sets, compressors, pumps, fans, air conditioning units, engines, vibrating tables ...

Passive isolation of sensitive equipment
Test and measuring equipment, laboratory equipment, premises ...

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