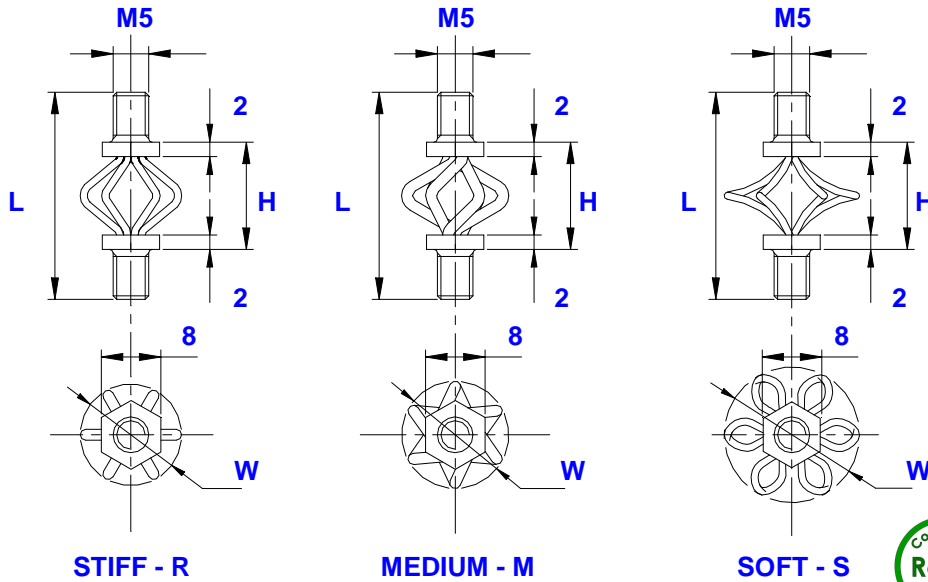


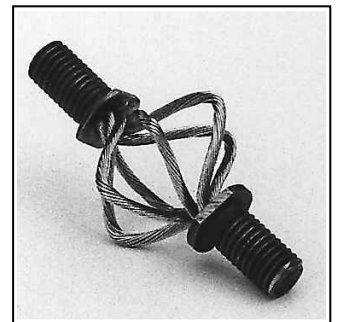
wire rope isolators standard line "Axycal"

series AX3

definition



- All metal multidirectional anti-vibration/shock mounts.
- Exceptional reliability and long life.
- High damping.
- No ageing.
- Corrosion resistant.
- Unequaled temperature range : -180°C +150°C.
- Great adaptability/versatility. Specials on request (material size and shape of loops, etc.).



Dimensions are in mm.

Dimensions for reference only.

Series

Materials and finishes

AX3

Cable :
stainless steel.
Interfaces :
stainless steel.

Model

	height H (mm)	width W (mm)	length L (mm)
-10	9	9	23
-15	12	14	26
-20	14	18	28
-25	17	23	31

Stiffness

type	
Soft	S
Medium	M
Stiff	R

Example :
AX3-25S

Prefix :
"Axycal" mount
from the **AX3** series

Model : -25
height : 17 mm
width : 23 mm
length : 31 mm

Suffix : S
Soft type

A X 3 - 2 5 S

01/07/2013

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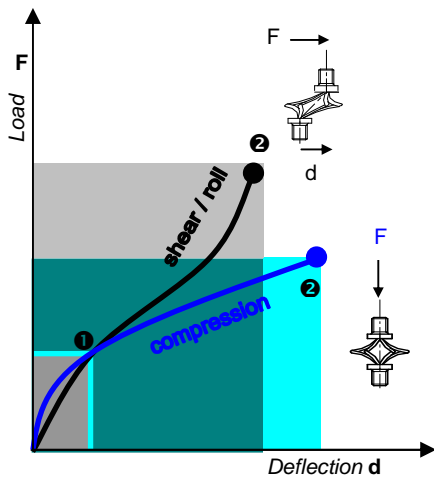
series

wire rope isolators

AX3

standard line "Axycal"

performances*



Compression and Shear / Roll

AX3 series Soft	Model	-10S	-15S	-20S	-25S						
Max static	F daN	0,98	0,62	0,43	0,33						
	1 d mm	0,7	1,2	1,7	2,2						
Max shock	F daN	2,94	1,85	1,30	0,98						
	2 d mm	4,0	6,6	9,2	11,8						
Max vibration	2a mm	0,4	0,7	1,0	1,3						
	3 f Hz	20,3	15,5	13,0	11,4						
Max static	F daN	0,49	0,31	0,22	0,16						
	1 d mm	1,4	2,3	3,2	4,1						
Max shock	F daN	3,99	1,90	1,16	0,81						
	2 d mm	5,2	7,8	10,4	13,0						
Max vibration	2a mm	0,6	0,9	1,1	1,4						
	3 f Hz	18,4	14,5	12,3	10,9						

- 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.

Compression and Shear / Roll

AX3 series Medium	Model	-10M	-15M	-20M	-25M						
Max static	F daN	1,19	0,75	0,53	0,40						
	1 d mm	0,7	1,2	1,7	2,2						
Max shock	F daN	3,56	2,25	1,59	1,20						
	2 d mm	4,0	6,6	9,2	11,8						
Max vibration	2a mm	0,4	0,7	1,0	1,3						
	3 f Hz	20,1	15,2	12,7	11,1						
Max static	F daN	0,59	0,37	0,26	0,20						
	1 d mm	1,4	2,3	3,2	4,1						
Max shock	F daN	4,75	2,25	1,37	0,95						
	2 d mm	4,8	7,2	9,6	12,0						
Max vibration	2a mm	0,5	0,8	1,1	1,3						
	3 f Hz	18,9	14,9	12,7	11,2						

Compression and Shear / Roll

AX3 series Stiff	Model	-10R	-15R	-20R	-25R						
Max static	F daN	1,45	0,92	0,65	0,50						
	1 d mm	0,7	1,2	1,7	2,2						
Max shock	F daN	4,36	2,77	1,96	1,49						
	2 d mm	4,0	6,6	9,2	11,8						
Max vibration	2a mm	0,4	0,7	1,0	1,3						
	3 f Hz	19,7	14,9	12,4	10,8						
Max static	F daN	0,73	0,46	0,33	0,25						
	1 d mm	1,3	2,3	3,2	4,1						
Max shock	F daN	5,73	2,68	1,63	1,12						
	2 d mm	4,4	6,7	8,9	11,1						
Max vibration	2a mm	0,5	0,7	1,0	1,2						
	3 f Hz	19,4	15,4	13,1	11,6						

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Typical shock/vibration Specifications :

Ground Forces	GAMEG13A, SEFT 001, MIL-STD-810, VG 95332.
Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.
Marine	GAMEG13C, 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.

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