

WIRE ROPE ISOLATORS: **AXYCAL**

DEFINITION
series AX3

STIFF - R **MEDIUM - M** **SOFT - S**

- All metal multidirectional anti-vibration/ shock mounts.
- Exceptional reliability and long life.
- High damping.
- No ageing.
- Corrosion resistant.
- Unequalled temperature range: -180°C +150°C.
- Great adaptability / versatility.

SPECIALS ON REQUEST
(material size and shape of loops, etc.)

Dimensions are in mm. For reference only.

SERIE	MODEL				STIFFNESS	
Materials and finishes (meets RoHS requirements)					Type	
AX3					Soft	S
Cable: stainless steel	-10	9	9	23		
Interfaces: stainless steel	-15	12	14	26	Medium	M
	-20	14	18	28		
	-25	17	19	31		
					Stiff	R

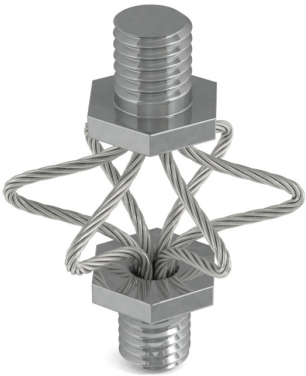
EXAMPLE
AX3-25S

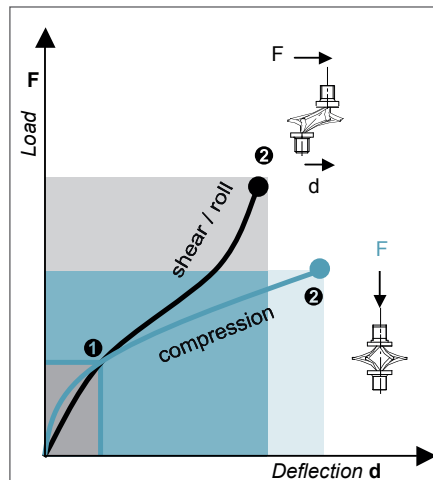
A	X	3	-	2	5	S
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PREFIX:
'axycal' mount from
the **AX3** series

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

SUFFIX: S
Soft type





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 Soft	Model	-10S	-15S	-20S	-25S					
1. Max Static	F daN	0,98	0,62	0,43	0,33					
	d mm	0,7	1,2	1,7	2,2					
2. Max Shock	F daN	2,94	1,85	1,30	0,98					
	d mm	4,0	6,6	9,2	11,8					
3. Max Vibration	2a mm	0,4	0,7	1	1,3					
	f Hz	16,6	12,5	10,5	9,1					
1. Max Static	F daN	0,98	0,62	0,43	0,33					
	d mm	0,7	1,1	1,5	1,9					
2. Max Shock	F daN	13,16	7,48	5,03	3,70					
	d mm	4,0	5,7	7,3	9,0					
3. Max Vibration	2a mm	0,45	0,63	0,8	1,0					
	f Hz	20,3	16,6	14,4	12,9					

COMPRESSION AND SHEAR/ROLL

AX3 Series Med	Model	-10M	-15M	-20M	-25M					
1. Max Static	F daN	1,19	0,75	0,53	0,40					
	d mm	0,7	1,2	1,7	2,2					
2. Max Shock	F daN	3,56	2,25	1,59	1,20					
	d mm	4,0	6,6	9,2	11,8					
3. Max Vibration	2a mm	0,4	0,7	1,0	1,3					
	f Hz	16,3	12,2	10,1	8,8					
1. Max Static	F daN	1,19	0,75	0,53	0,40					
	d mm	0,7	1,0	1,4	1,7					
2. Max Shock	F daN	14,76	8,43	5,68	4,19					
	d mm	3,6	5,0	6,4	7,8					
3. Max Vibration	2a mm	0,4	0,6	0,7	0,9					
	f Hz	21,1	17,3	15,0	13,5					

COMPRESSION AND SHEAR/ROLL

AX3 Series Stiff	Model	-10R	-15R	-20R	-25R					
1. Max Static	F daN	1,45	0,92	0,65	0,50					
	d mm	0,7	1,2	1,7	2,2					
2. Max Shock	F daN	4,36	2,77	1,96	1,49					
	d mm	4,0	6,6	9,2	11,8					
3. Max Vibration	2a mm	0,4	0,7	1,0	1,3					
	f Hz	15,8	11,7	9,6	8,3					
1. Max Static	F daN	1,45	0,92	0,65	0,50					
	d mm	0,6	1,0	1,3	1,6					
2. Max Shock	F daN	16,70	9,58	6,47	4,78					
	d mm	3,1	4,3	5,4	6,6					
3. Max Vibration	2a mm	0,3	0,5	0,6	0,7					
	f Hz	22,0	18,2	15,9	14,2					

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.