



Wire Rope Isolators – WRI-AXX

Wire rope isolators are typically used in aerospace, defense, industrial, and marine applications to reduce the transmission of vibration and noise, protect sensitive equipment from shock and impacts, and improve overall performance and longevity of machinery.

WRI – A04

WRI-A040112-045/8-IM-S

Product Characteristics

Standard Series – Dimensions Pressed Design

Each wire rope isolator has six alternative configurations with regard to fixture holes (see reference to table Fixture Hole Type found below). When ordering, make your choice and add the required hole configuration code to the type number. First letter is for upper bar and the second letter is for the bottom.

WRI-configurations we produce: II, IY, YY, IM, YM and MM.

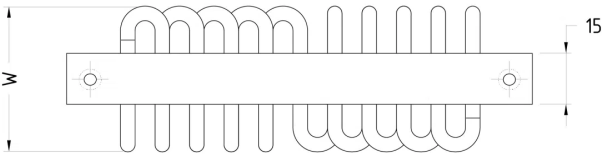
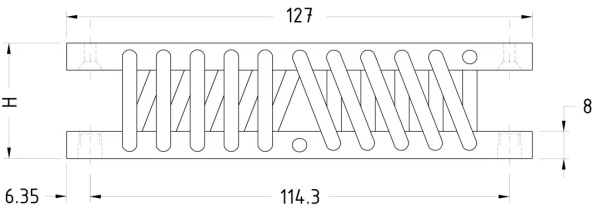
Example in the technical drawing: Wire Rope Isolator A040127-037-YM

The Isolator in the image is WRI-A040112-045/8-IM-S

Product Applications

- Resilient suspensions meeting military standards
- Isolation of sensitive electronic equipment
- Isolation of generators, pumps and compressors
- Exhaust system suspension
- Isolation of cabinets, containers etc.
- Protection of equipment during transport
- Extreme temperature applications

Technical Specifications





Wire-rope-isolator-A04-technical-specifications

wire-rope-isolator-a04-technical-specifications.xlsx

Dimensions

Cable mount type number	Height (H)	Width (W)	Mass
	(mm)	(mm)	(kg)
A040127-045-XX	45	53	0.16
A040127-042-XX	42	50	0.16
A040127-037-XX	37	45	0.15
A040127-034-XX	34	43	0.14
A040127-031-XX	31	40	0.14
Fixture Hole Type		Code	
Through holes 6.5 mm		I	
Through holes countersunk		Y	
Inserts M6		M	

Load Compression

Typical load range: 18 - 40 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A040127-045-XX	22	24	25
A040127-042-XX	26	27	23
A040127-037-XX	36	36	18
A040127-034-XX	39 (11 Hz)	39	15
A040127-031-XX	44 (12 Hz)	44	13

Load 45° Compression and Roll

Typical load range: 10 - 30 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A040127-045-XX	13	17	36
A040127-042-XX	15	19	32
A040127-037-XX	21	23	25
A040127-034-XX	25	26	22
A040127-031-XX	31	31	18

Load Shear and Roll

Typical load range: 2.5 - 8 kg			
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Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A040127-045-XX	3.5	10	26
A040127-042-XX	4	11	24
A040127-037-XX	6	14	19
A040127-034-XX	8	15	16
A040127-031-XX	10	17	13



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