



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 – A16

Product Characteristics

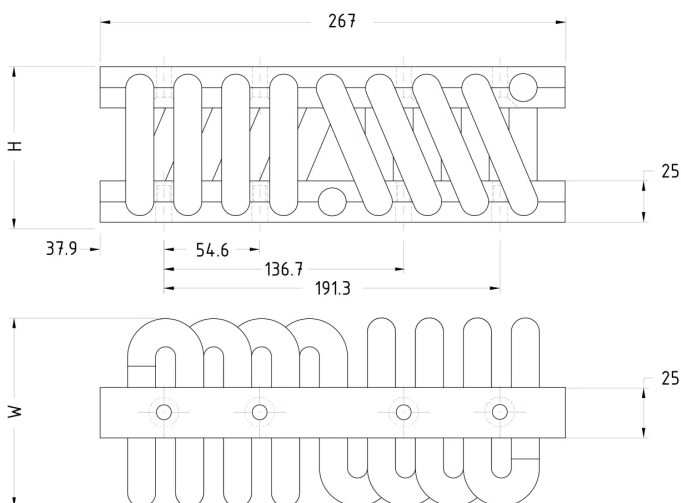
Standard Series – Clamped Design

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 A160276-127-**YM**

Technical Specifications





Wire-rope-isolator-A16-technical-specifications

wire-rope-isolator-a16-technical-specifications.xlsx

Dimensions

Cable mount type number	Height (H)	Width (W)	Mass
	(mm)	(mm)	(kg)
A160267-127-XX	127	165	4.3
A160267-109-XX	109	135	3.6
A160267-100-XX	100	120	3.3
A160267-096-XX	96	112	3.1
A160267-089-XX	89	102	2.9
Fixture Hole Type		Code	
Through holes 11 mm		I	
Through holes countersunk		Y	
Inserts M10		M	

Load Compression

Typical load range: 150 - 675 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A160267-127-XX	170	360	67
A160267-109-XX	283	486	50
A160267-100-XX	385	582	42
A160267-096-XX	455	647	39
A160267-089-XX	585	747	32

Load 45° Compression and Roll

Typical load range: 85 - 400 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A160267-127-XX	100	254	94
A160267-109-XX	167	344	71
A160267-100-XX	228	411	60
A160267-096-XX	269	458	55
A160267-089-XX	346	528	46

Load Shear and Roll

Typical load range: 25 - 175 kg			
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Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A160267-127-XX	27	170	70
A160267-109-XX	45	230	53
A160267-100-XX	62	275	44
A160267-096-XX	73	306	41
A160267-089-XX	94	353	34



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