



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 – A13

Product Characteristics

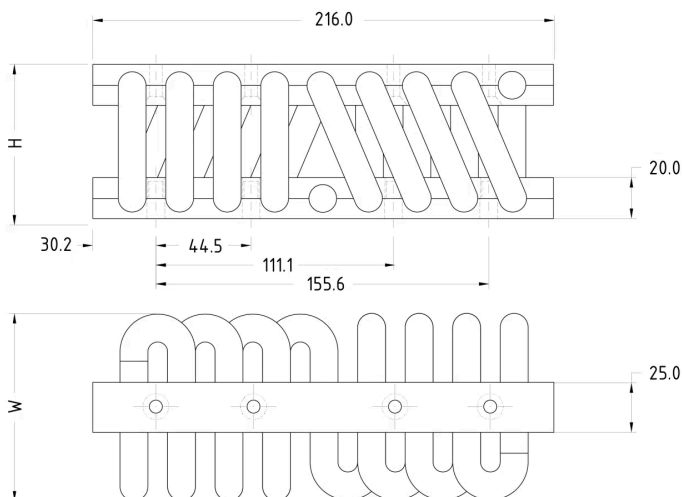
Standard Series – Clamped Design

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 A130216-108-**YM**

Technical Specifications





Wire-rope-isolator-A13-technical-specifications

wire-rope-isolator-a13-technical-specifications.xlsx

Dimensions

Cable mount type number	Height (H)	Width (W)	Mass
	(mm)	(mm)	(kg)
A130216-108-XX	108	133	2.4
A130216-095-XX	95	121	2.2
A130216-089-XX	89	105	2.0
A130216-083-XX	83	102	1.9
A130216-076-XX	76	92	1.7
Fixture Hole Type		Code	
Through holes 9 mm		I	
Through holes countersunk		Y	
Inserts M8		M	

Load Compression

Typical load range: 100 - 375 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A130216-108-XX	115	225	60
A130216-095-XX	158	263	49
A130216-089-XX	214	329	43
A130216-083-XX	245	346	38
A130216-076-XX	325	411	32

Load 45° Compression and Roll

Typical load range: 60 - 225 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A130216-108-XX	68	159	85
A130216-095-XX	93	186	69
A130216-089-XX	127	233	61
A130216-083-XX	145	245	53
A130216-076-XX	192	291	45

Load Shear and Roll

Typical load range: 15 - 90 kg			
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Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A130216-108-XX	18	106	63
A130216-095-XX	25	124	51
A130216-089-XX	34	156	45
A130216-083-XX	39	164	40
A130216-076-XX	52	194	33



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