



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 – A10

Product Characteristics

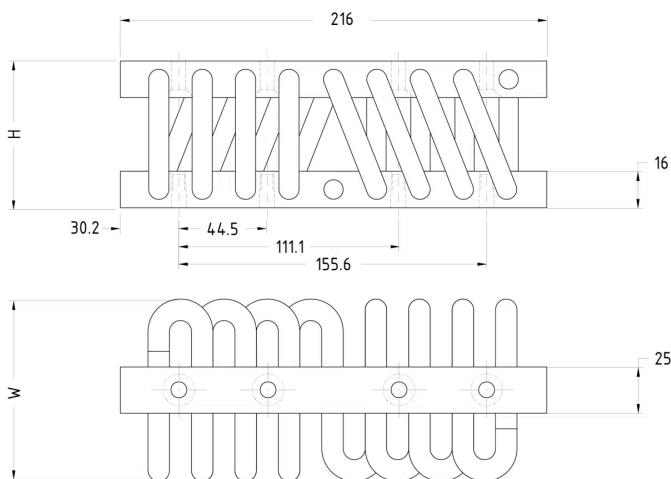
Standard Series – Pressed Design

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 A100216-071-**YM**-P

Technical Specifications





Wire-rope-isolator-A10-technical-specifications

wire-rope-isolator-a10-technical-specifications.xlsx

Dimensions

Cable mount type number	Height (H)	Width (W)	Mass
	(mm)	(mm)	(kg)
A100216-105-XX-P	105	121	1.46
A100216-089-XX-P	89	108	1.31
A100216-077-XX-P	77	104	1.21
A100216-074-XX-P	74	90	1.16
A100216-071-XX-P	71	84	1.11
Fixture Hole Type		Code	
Through holes 9 mm		I	
Through holes countersunk		Y	
Inserts M8		M	

Load Compression

Typical load range: 35 - 150 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A100216-105-XX-P	45	93	65
A100216-089-XX-P	66	114	50
A100216-077-XX-P	84	123	40
A100216-074-XX-P	112	156	37
A100216-071-XX-P	133	175	34

Load 45° Compression and Roll

Typical load range: 25 - 90 kg			
Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A100216-105-XX-P	27	66	92
A100216-089-XX-P	39	80	71
A100216-077-XX-P	50	87	56
A100216-074-XX-P	66	110	52
A100216-071-XX-P	79	124	48

Load Shear and Roll

Typical load range: 5 - 35 kg			
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Cable mount type number	Rated load at 10 Hz (kg)	Max. static load (kg)	Max. dyn. travel (mm)
A100216-105-XX-P	7	40	68
A100216-089-XX-P	11	48	53
A100216-077-XX-P	14	52	42
A100216-074-XX-P	18	66	39
A100216-071-XX-P	21	74	36



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