



## 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 – A02

## Product Characteristics

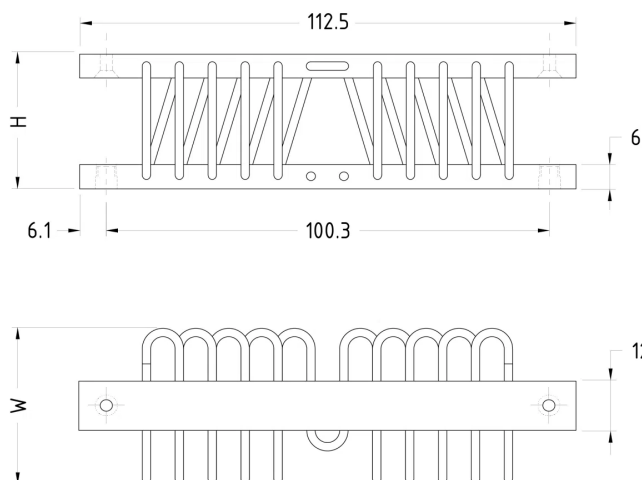
Each wire rope isolator has six alternative configurations with regard to fixture holes (see reference to table Fixture Hole Type found below). When ordering, make your choice and add the required hole configuration code to the type number. First letter is for upper bar and the second letter is for the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

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

**Example in technical drawing:** Wire Rope Isolator A025112-038-YM

The isolator in the feature image at the top of the page is WRI-A025112-033-MMA

## Technical Specifications





## Wire-rope-isolator-A02-technical-specifications

wire-rope-isolator-a02-technical-specifications.xlsx

### Dimensions

| Cable mount type number   | Height (H) | Width (W) | Mass  |
|---------------------------|------------|-----------|-------|
|                           | (mm)       | (mm)      | (kg)  |
| A025112-038-XX            | 38         | 43        | 0.07  |
| A025112-033-XX            | 33         | 38        | 0.06  |
| A025112-028-XX            | 28         | 33        | 0.06  |
| A025112-025-XX            | 25         | 30        | 0.055 |
| A025112-023-XX            | 23         | 28        | 0.055 |
|                           |            |           |       |
| Fixture Hole Type         |            | Code      |       |
| Through holes 5.5 mm      |            | I         |       |
| Through holes countersunk |            | Y         |       |
| Inserts M5                |            | M         |       |

### Load Compression

| Typical load range: 4 - 12 kg |                          |                       |                       |
|-------------------------------|--------------------------|-----------------------|-----------------------|
| Cable mount type number       | Rated load at 10 Hz (kg) | Max. static load (kg) | Max. dyn. travel (mm) |
| A025112-038-XX                | 5.6                      | 6.0                   | 23                    |
| A025112-033-XX                | 8.3                      | 8.3                   | 18                    |
| A025112-028-XX                | 10.9 (14 Hz)             | 10.9                  | 14                    |
| A025112-025-XX                | 12.5 (14 Hz)             | 12.5                  | 11                    |
| A025112-023-XX                | 13.8 (15 Hz)             | 13.8                  | 9                     |

### Load 45° Compression and Roll

| Typical load range: 3 - 10 kg |                          |                       |                       |
|-------------------------------|--------------------------|-----------------------|-----------------------|
| Cable mount type number       | Rated load at 10 Hz (kg) | Max. static load (kg) | Max. dyn. travel (mm) |
| A025112-038-XX                | 3.4                      | 4.3                   | 32                    |
| A025112-033-XX                | 4.8                      | 5.4                   | 26                    |
| A025112-028-XX                | 7.3                      | 7.3                   | 19                    |
| A025112-025-XX                | 8.8 (11 Hz)              | 8.8                   | 16                    |
| A025112-023-XX                | 10.3 (12 Hz)             | 10.3                  | 13                    |

### Load Shear and Roll

| Typical load range: 0.6 - 4 kg |  |  |  |
|--------------------------------|--|--|--|
|--------------------------------|--|--|--|

| Cable mount type number | Rated load at 10 Hz (kg) | Max. static load (kg) | Max. dyn. travel (mm) |
|-------------------------|--------------------------|-----------------------|-----------------------|
| A025112-038-XX          | 0.8                      | 2.6                   | 24                    |
| A025112-033-XX          | 1.3                      | 3.2                   | 19                    |
| A025112-028-XX          | 2.3                      | 4.2                   | 14                    |
| A025112-025-XX          | 3.7                      | 5.1                   | 12                    |
| A025112-023-XX          | 5.4                      | 5.8                   | 10                    |



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