

HELICAL WIRE ROPE SOLUTIONS



AMC-MECANOCAUCHO® Helical Wire Rope Mounts consist of two steel plates positioned on each side of the mount, connected by a continuous helical winding made from stainless steel wire rope.

The design of this mounting allows for easy assembly thanks to its robust yet compact structure. The helical arrangement ensures uniform radial stiffness and excellent vibration damping performance in all directions.

Additionally, its symmetric configuration eliminates the need for precise radial alignment during installation, simplifying the mounting process.

TECHNICAL CHARACTERISTICS

AMC-MECANOCAUCHO® Helical Wire Rope Mounts are designed for applications requiring high mechanical strength, shock resistance, and durability in harsh environments. Their construction, with stainless steel wire ropes wound between two steel plates, ensures excellent resistance to fatigue and wear under dynamic stress.

Thanks to their helical geometry, they effectively absorb shocks and vibrations, protecting suspended equipment. Their torsional flexibility and axial compliance allow multi-directional vibration isolation while maintaining stability under static and dynamic loads.

Made entirely from corrosion-resistant stainless steel, they perform reliably in marine or humid conditions. The maintenance-free design ensures long service life, even under repeated shocks or continuous vibration.



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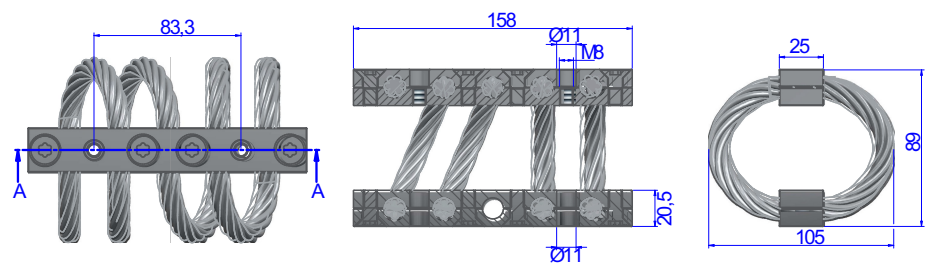


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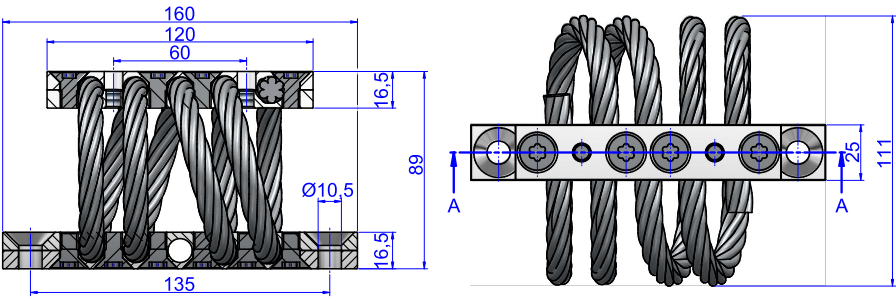
DRAWINGS



DIMENSIONS

Type	Max. Load (kg)	Max. static load (Kg)	Weight (kg)	Code
Type 158x89	375	200	1,76	171210

DRAWINGS



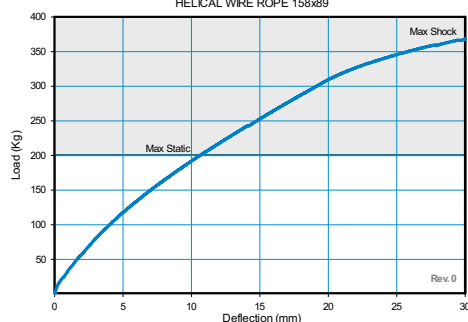
DIMENSIONS

Type	Max. Load (kg)	Max. static load (Kg)	Weight (kg)	Code
Type 160x89	260	100	1,011	171211

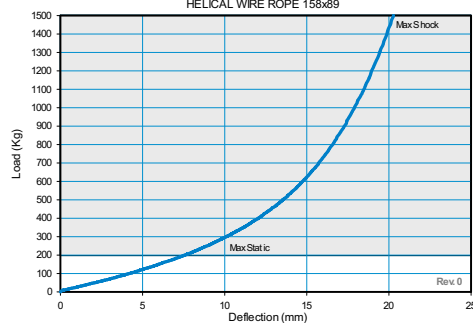


Elastical properties

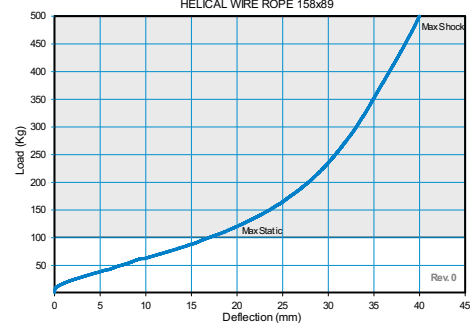
LOAD-DEFLECTION GRAPH (compression)
HELICAL WIRE ROPE 158x89



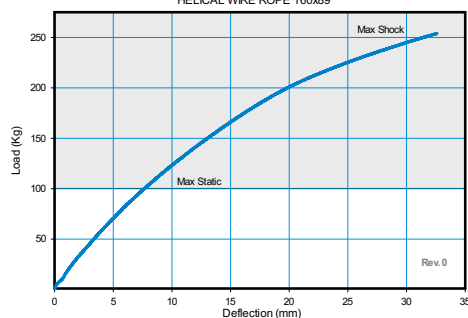
LOAD-DEFLECTION GRAPH (tensile)
HELICAL WIRE ROPE 158x89



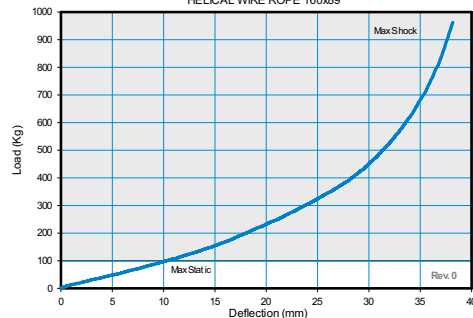
LOAD-DEFLECTION GRAPH (radial)
HELICAL WIRE ROPE 158x89



LOAD-DEFLECTION GRAPH (compression)
HELICAL WIRE ROPE 160x89



LOAD-DEFLECTION GRAPH (tensile)
HELICAL WIRE ROPE 160x89



LOAD-DEFLECTION GRAPH (radial)
HELICAL WIRE ROPE 160x89

