

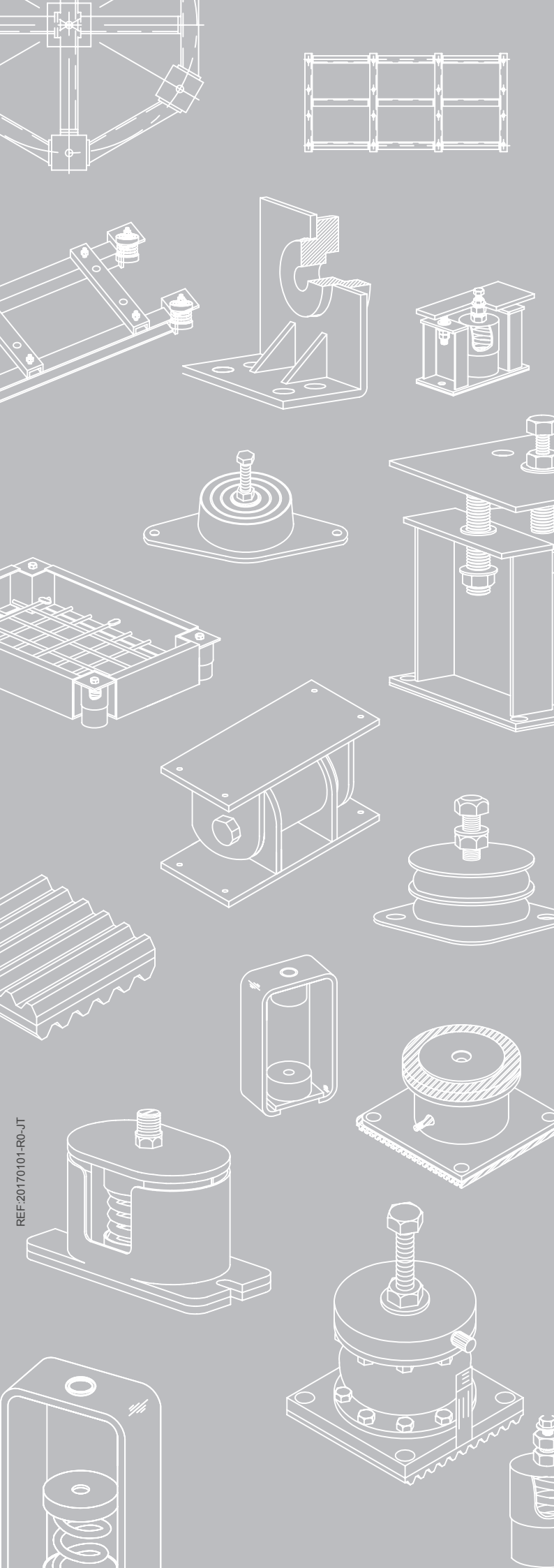


Ease Spring Absorbers

www.esabrs.com

Vibration Isolation Technology

ESA- PRODUCT PORTFOLIO



REF:20170101-R0-JT

ESA Anti-vibration Series

ESA- J/I/Q/M/NM Type Rubber Mount Isolators



Available in: Butyl, Natural Rubber, Neoprene, EPDN.
Unique Range of Loading Catered for Different Applications.

ESA- N/NC Type Metal Mount Isolators



Unique Inter-lock Design with Wide Range of Loading Catered for Different Applications.
NC Type Are Design with 2 Layers of Rubber Stack in Series to Provide Double Deflection Effect.

ESA- 9P/13P/22P Type Rubber Pads



Available in: Butyl, Natural Rubber, Neoprene, EPDN.

ESA Pads are elastomeric pad-type isolators that are designed to provide excellent high frequency sound attenuation in use directly under HVAC, power generation and electrical equipment. ESA Pads are very effective in preventing shock and vibration transmission in non-critical installations and it come with different type of elastomeric materials, different Shore hardness and design.

ESA- H/HR/L/SRL/DType Hanger Isolators



HR Type

L Type

SRL Type

D Type



H Type

Steel Parts with Power Coating to Prevent Corrosion.

ESA Standard Rubber Components Uses Butyl Rubber, for Better Durability.

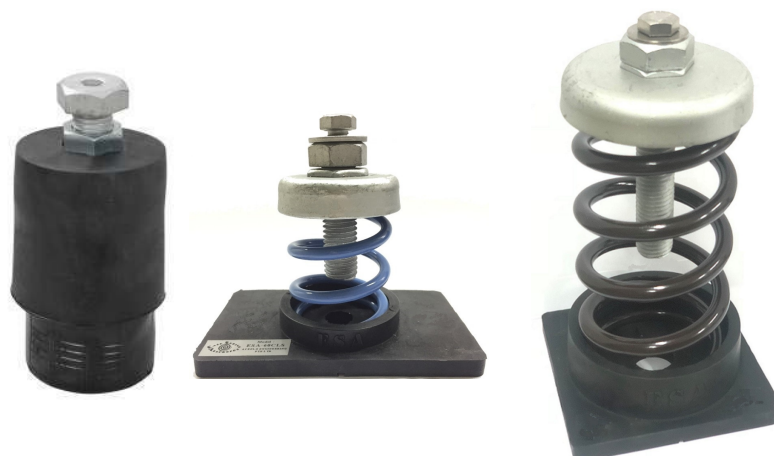
Wide Range of High Deflection Spring Hanger Designs; Spring, Spring In-Series and Rubber Elements, Catered for Different Application to Achieve Best Isolation for Both High and Low Frequencies Vibrations.

Other Materials are Such as Natural Rubber, Neoprene, EPDM and Stainless Steel Housing and Spring (SUS 304) are Available Based on Indent.

ESA-C / CL Spring Isolator



CL Type (With Bolting Holes)



C Type (Without Bolting Holes)

ESA-C/CL Spring Isolators Are Available in 25, 50, 75 & 100 mm Deflection to Absorb Natural Frequency and with 6mm Non Skid Pad to Provide Isolation of Both High and Low Frequencies Vibration.

Spring Isolators are Coated with Fusion Bonding Heat Treated Epoxy Paint.

Spring Diameter > 0.8 of Operation Height and Horizontal Stiffness > 0.8 of Vertical Stiffness.

ESA Anti-vibration Series

ESA-A/ AJ Spring Mount Isolator



A Type Spring Mount Isolator



AJ Type Spring Mount Isolator

ESA A Spring Isolators, comes with Deflections 25, 40, 50, 65, 75, 100mm, With 6mm Non Skid Pad to Provide Effective Isolation of Both High And Low Frequencies Vibration. Where ESA AJ Spring Isolators comes with Deflection 25 and 40mm. Spring Isolators are coated with Fusion Bounding Heat Treated Epoxy Paint and with optional Protective Rubber Cover for Additional Protection for the Springs. Housing is made of Fabricated Steel (SS41) and Surface Treatment using Hot Dip Galvanized (Zinc) to Prevent Corrosion. Its Unique Design Provide the spring Isolators and the Movement of the Equipment from Knocking and Effective Control of Excess Vertical Movement of Isolated Equipment Caused By Reduction in Equipment load During Operation with a Gap of 8 to 12mm. Special Material is Available (SUS 304) Based on Indent.

ESA-BN House Spring Isolators



BN Type

ESA B Spring Isolators, comes with Deflections 25, 40, 50mm, With 6mm Non Skid Pad to Provide Effective Isolation of Both High And Low Frequencies Vibration. Spring Isolators are coated with Fusion Bounding Heat Treated Epoxy Paint and Housing is made of Casting with Vertical Adjustable for Levelling of the Equipment.

ESA-Isolators & Seismic Snubbers



AR Type

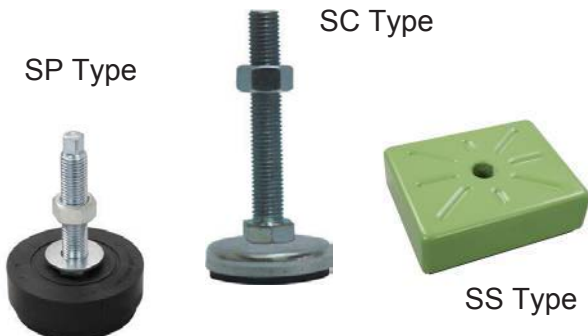
EA Type



EL Type

ESA AR/ EA & EL Isolators & Seismic Snubbers are Design to Support Structures from Supported Mechanical Equipment Motion during an Earthquake which Would Otherwise Displace life Support and Emergency Equipment, and the Equipment Remains in Position. Most of the Systems are Design Based on two interfacing but independent elements to cater for an Estimated 20Hz Magnitude. ESA Provides a Wide Selection of Isolation e& Seismic Snubbers to Meet the Needs of Users in their applications.

ESA-SP/SC/SS Machines Mounting



SP Type



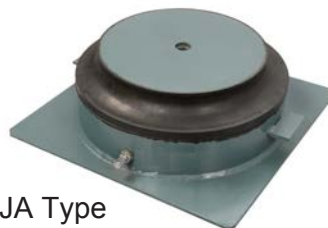
SC Type



SS Type

ESA SP/SC/SS Machines Mounting are used for levelling / alignment and Provide Isolation of Noise transmission of the Machines to the Floor Structures at the Sometime. Available in: Butyl, Natural Rubber, Neoprene, EPDN. Unique Range of Loading Catered for Different Applications.

ESA-Air Cushion Isolators



JA Type



K Type

ESA had develop different Air Cushion Isolators for a wide variety of application include seismic protection. The mounting are used for high anti-vibration efficiency where the natural frequency is between 3.0~5.0HZ and Provide excellent Isolation of Noise transmission of the Machines to the Floor Structures at the Sometime. Available in: Butyl, Natural Rubber, Neoprene, EPDN with metal casing make of SS41 coated with epoxy or Stainless steel for more corrosion environment.

ESA- Jack-Up Floor

SPRING - JUS Type



RUBBER - GF Type

Jack up floor (Floating floor) are developed to isolate the unavoidable vibration and noise created by the busy streets and activities surrounding the building. This is even more critical for music/ recording studios, theatres, auditorium, event hall and testing facilities to minimise the transmission of the very low frequency (NC level). ESA Type: GF & JUS are design with casting housing and Neoprene rubber or spring combination for prolong lifespan (aging) and with wide range of model (standard loading up to 600kgs) to suit the flexible design of the floating floor. This design allow the simplicity to adopt for wide range of airspace.

Ease Spring Absorbers, ESA a brand that will lead the way in the field of noise, vibration and seismic control. Vibration isolation technology has moved on to the isolation of entire buildings rather than just building components. ESA focused on research of vibration effects on equipment and structures, providing a solution to overcome the vibration by teaming up with some of the best acoustical engineers to solve a wide variety of complex vibration isolation problems for customers in different applications and across different industries from commercial building, Lab, theatre, production machines and to consumers equipment.

ESA, offer a wide range of vibration control products from standard spring isolation (deflection stating from 18 to 75mm (0.75 to 3 inch) and Neoprene or Natural Rubber bearing pads to for low frequencies application. Both product are widely used in the building or machineries to keep ground vibration and noise transmission out of buildings or the production floor. ESA, capitalize its focus on product development and partner with specialize manufacturing facilities and warehouse space for just-in-time shipping requirements. Such flexibility allow ESA to stay focus and position itself for the upcoming global market conditions and different demand for the ever changing vibration isolation challenges.

Ease Spring Absorbers, ESA is all about *"looking after U"*



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Partnership with:

