

Spring Isolator VT4090

A very soft isolator with integrated adjustable movement limiters. It has a very low natural frequency of 3.5 – 5 Hz Designed especially for suspension of mobile equipment. Vibration isolation and suspension of propulsion engines, generating sets, compressors, deck houses etc.

Product Characteristics

A very soft isolator with integrated adjustable movement limiters. Designed especially for suspension of mobile equipment. Designed with resilient elements:

- Spring in high tensile steel
- cushions in 18/8 stainless steel
- Housing in zinc plated steel

Natural frequency: 3.5 – 5 Hz
Mechanical strength: 5 g
Temperature range: -90°C – +300°C

Product Applications

Vibration isolation and suspension of:

- propulsion engines
- generating sets
- compressors
- deck houses
- and more...

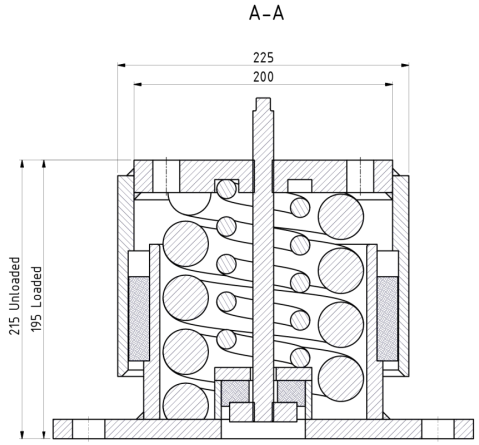
Notes

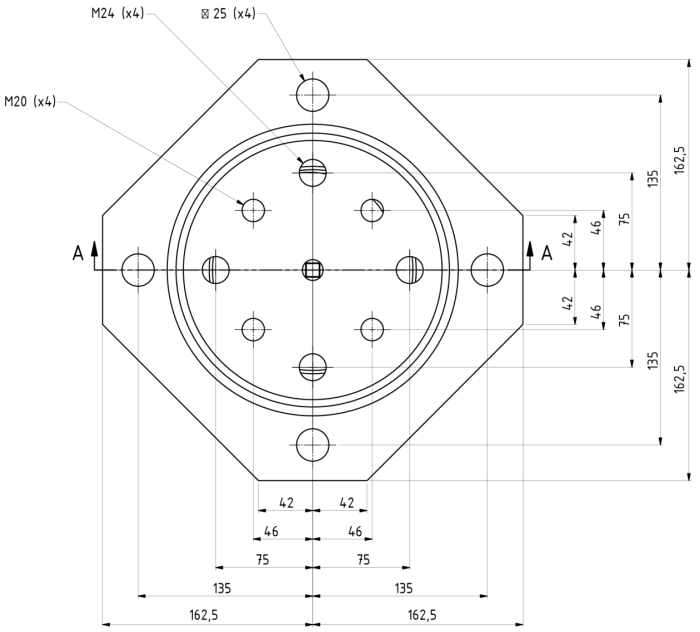
The built in movement limiters must be adjusted when the suspended equipment has its working condition. The adjustment is done by turning the uplift limiter with a wrench.

The isolator can be delivered pre-compressed.

Type Approved by DNV-GL.

Technical Specifications





Spring-isolator-VT4090-technical specifications

spring-isolator-vt4090-technical-specifications.xlsx

Load Ranges

Ref	Static load in daN (≈kg)	
VT4090-Y3-I	5700	9500
VT4090-Y3	4700	7800
VT4090-Y2-I	3500	5800
VT4090-Y2	2500	4100
VT4090-Y1-I	2100	3800
VT4090-Y1	1300	2100
I	900	1600

VIBRATEC

Contact information

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