

GS-HYDRO

GS-Vibra Clamps



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Key Features Of GS-Noise Isolation Clamp

Hydraulic pipes are usually attached in place by rigid clamps which effectively transmit vibration into the base structure thus creating noise radiation. Reducing the vibration level will equal in reduction of the noise level. GS-Vibra Clamp is an efficient way to cut down on the vibration which is transmitting from the pipe into the structure.

Rubber on the outside of the clamp halves ensures strong clamping of the pipe and large surface for noise reduction.

Suitable for all pipe sizes from Ø30 mm to Ø219 mm acc. to DIN 3015 part 2 (group 3-8).

Strong clamping of pipe

Complies with DIN 3015

Large selection of materials for the metal and plastic parts



The contact surface of the rubber part with the metal part is optimized to absorb the vibration. Additionally the design helps avoid moisture trapping between the parts.

Oil, weather and wear proof rubber of special compound NBR/PVC.

GS-Hydro Non-Welded Value

Increase Customer's Revenue

- Short delivery times
- High cleanliness – improved longevity

Improve Efficiency

- Shorter on-site installation
- Quick flushing

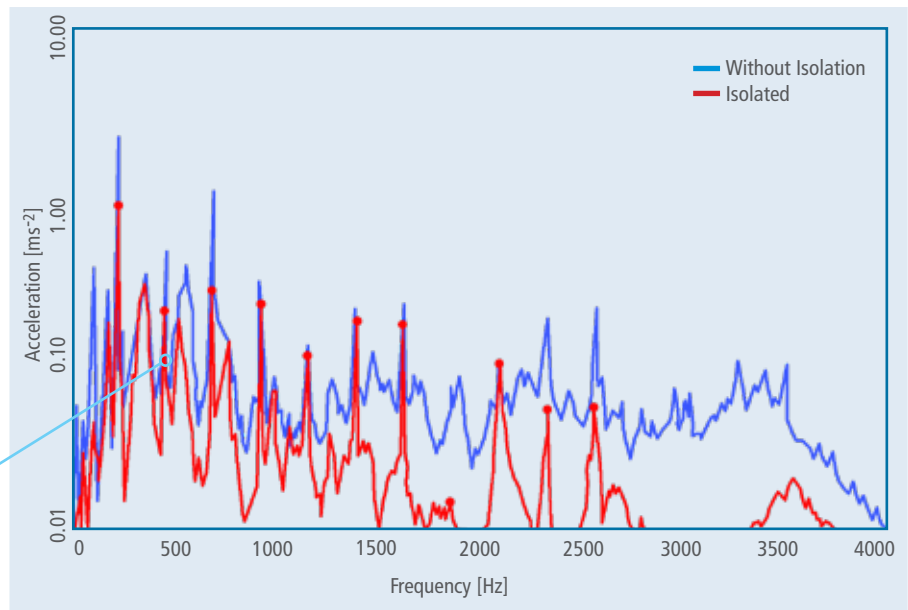
Eliminate Risks

- Schedule risk
- Quality risk
- Welding risk



Results Of Field Tests

Field measurements have shown that GS-Vibra Clamp can offer insertion loss up to 17 dB depending of frequency. The tests were performed by VTT Technical Research Centre of Finland Ltd.



Typical vibration acceleration spectrum with and without rubber isolation.

Special Solutions



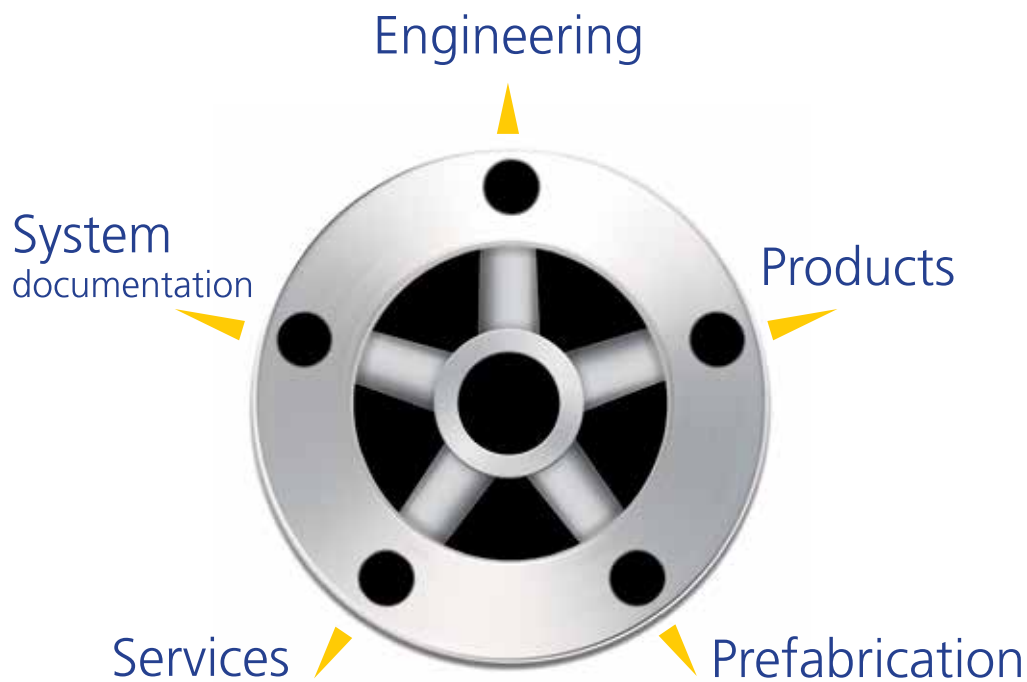
GS-Vibra Clamp can be used with an additional fix-point against thermal movement.



GS-Vibra Clamps can be used to protect the extra light carbon fiber structure.

GS-Hydro is the original provider of non-welded piping solutions with numerous benefits for a wide variety of demanding applications. We create value together with our customers by providing innovative fluid transfer solutions which enable safe operation, reduced environmental impact and lower total cost of ownership. We deliver our piping and hose solutions globally in more than twenty-five countries through own companies and partners.

GS-Hydro system offering



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