

All-metal pendulum mount

VTCI-300F & VTCI-700F

Double acting all-metal pendulum mount for isolation against vibrations and shock of exhaust-, air- and steam-pipes. Stabilisation of frames and equipment on vessels, vehicles etc.

VTCI-isolator in steel (ceramic coated) with stainless steel resilient cushions. Other parts in galvanised steel. A progressive tension/compression isolator with resonance frequency 15-20 Hz through the load range.

Application areas

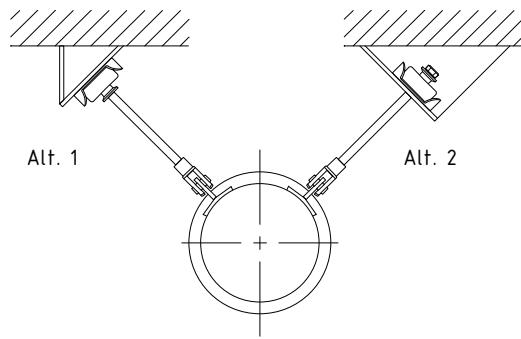
- Isolation of exhaust-, air- and steam-pipes.
- Stabilisation of frames and equipment on vessels, vehicles etc.

Notes

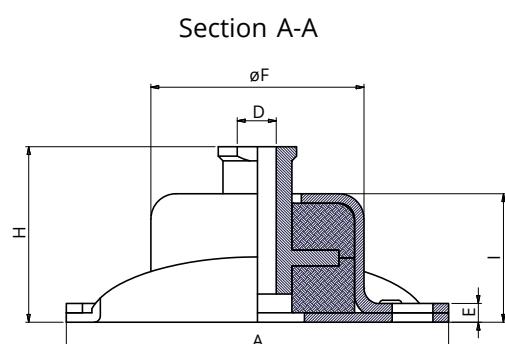
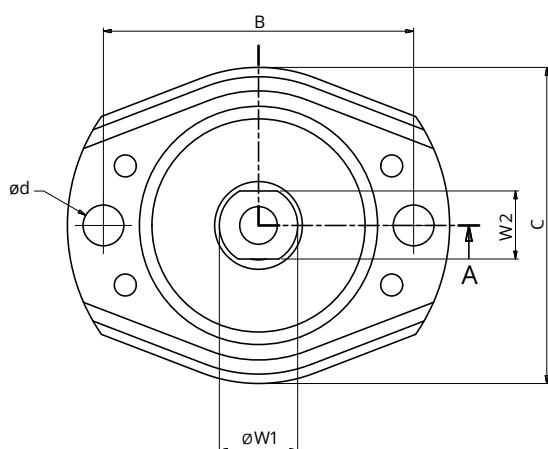
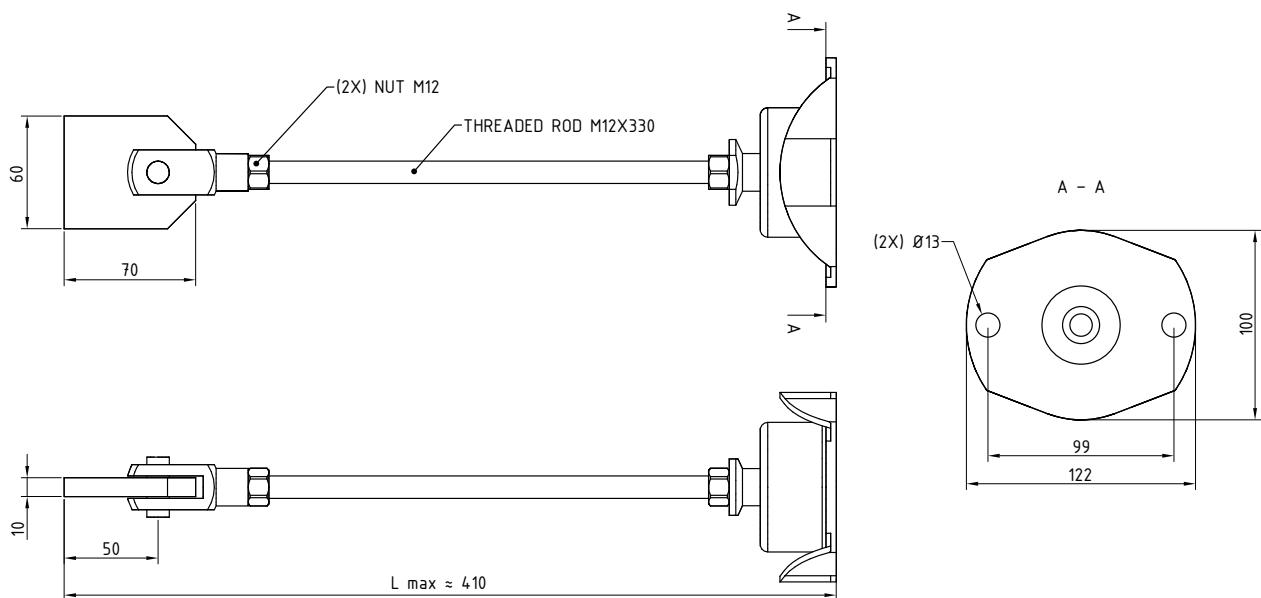
The total length of the extension rod is 330 mm. Of course a longer rod can be used, but there is a risk of breaking during compression loads



Characteristics	
Load range:	100 - 300 daN (≈kg)
Natural frequency:	15 - 20 Hz
Material:	stainless steel 18/8
Isolator protective coating:	Ceramic Coating KTL
Maximum excitation amplitude:	± 0.3 mm
Amplification factor:	< 6
Maximum dynamic overload:	2 g
Temperature range:	-90° to +600°
Weight VTCI-300F-P	1.52 kg
Weight VTCI-700F-P	1.56 kg
The damping element and center mounting pin can be supplied in AISI316	Optional

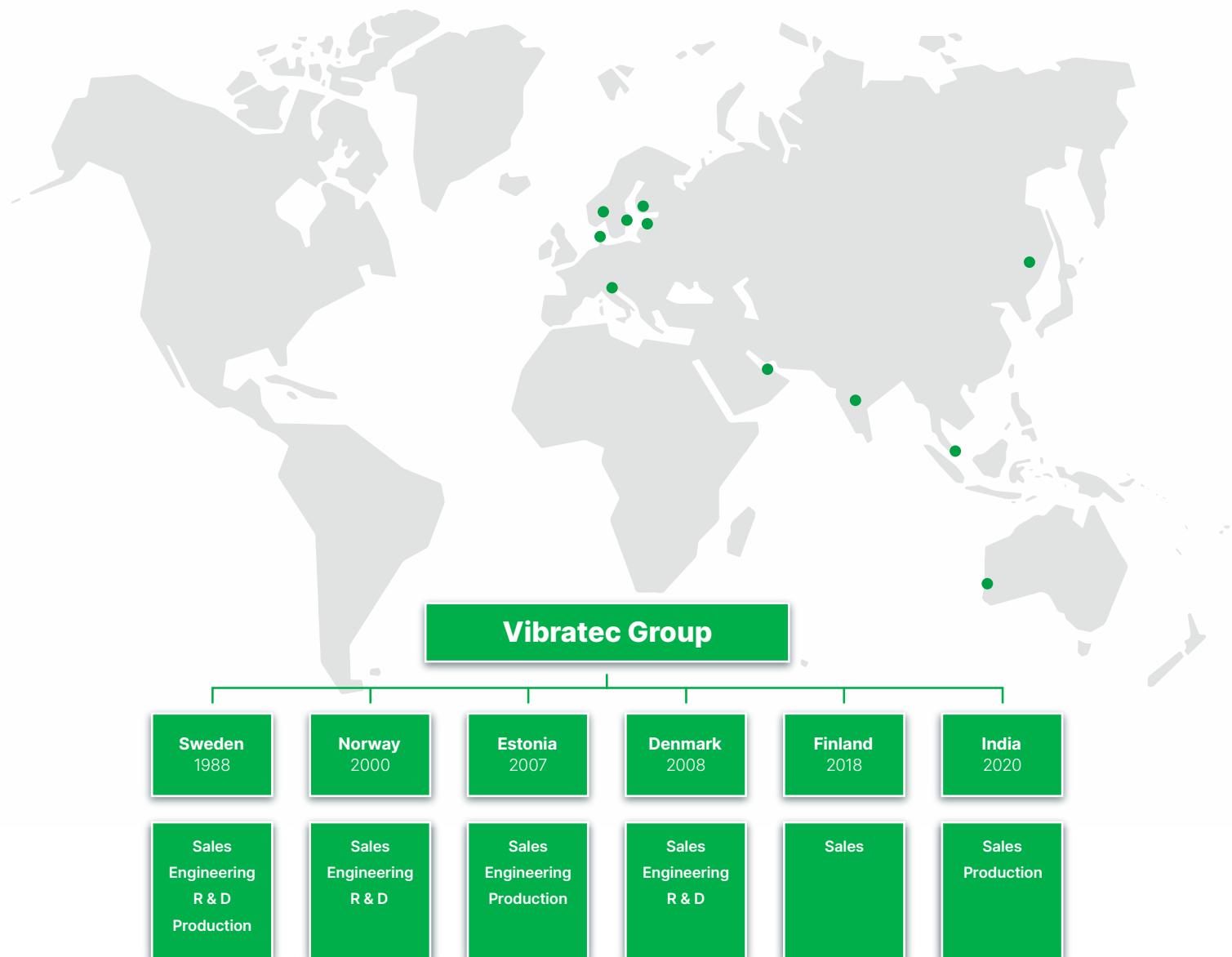


Example of elastic exhaust suspension



Technical specifications

Type	Load Range in daN (≈kg)	A (mm)	B (mm)	C (mm)	D	E (mm)	F (mm)	H (mm)	I (mm)	W1 (mm)	W2 (mm)	d (mm)
VTCI-300F	100 - 300	121	99	100	M12	6	70	56	40.5	25	22	13
VTCI-700F	200 - 700	121	99	100	M12	6	70	56	40.5	25	22	13



Engineering, production & installation

Vibratec has extensive experience, combined with the use of modern tools, when we design and manufacture tailor made solutions in all areas of vibration and noise reduction.

Vibratec performs test to evaluate mechanical, physical and long term behaviour on materials as well as complete solutions.

Construction, defence, industry, marine & railway

Vibratec Akustikprodukter is one of Scandinavia's leading suppliers of noise and vibration solutions. Vibratec's ambition is to become the preferred choice for customers who need solutions to noise, vibration and shock problems.

Vibratec produce and store many products for damping and isolation of vibration, shock and noise over a wide range of applications.