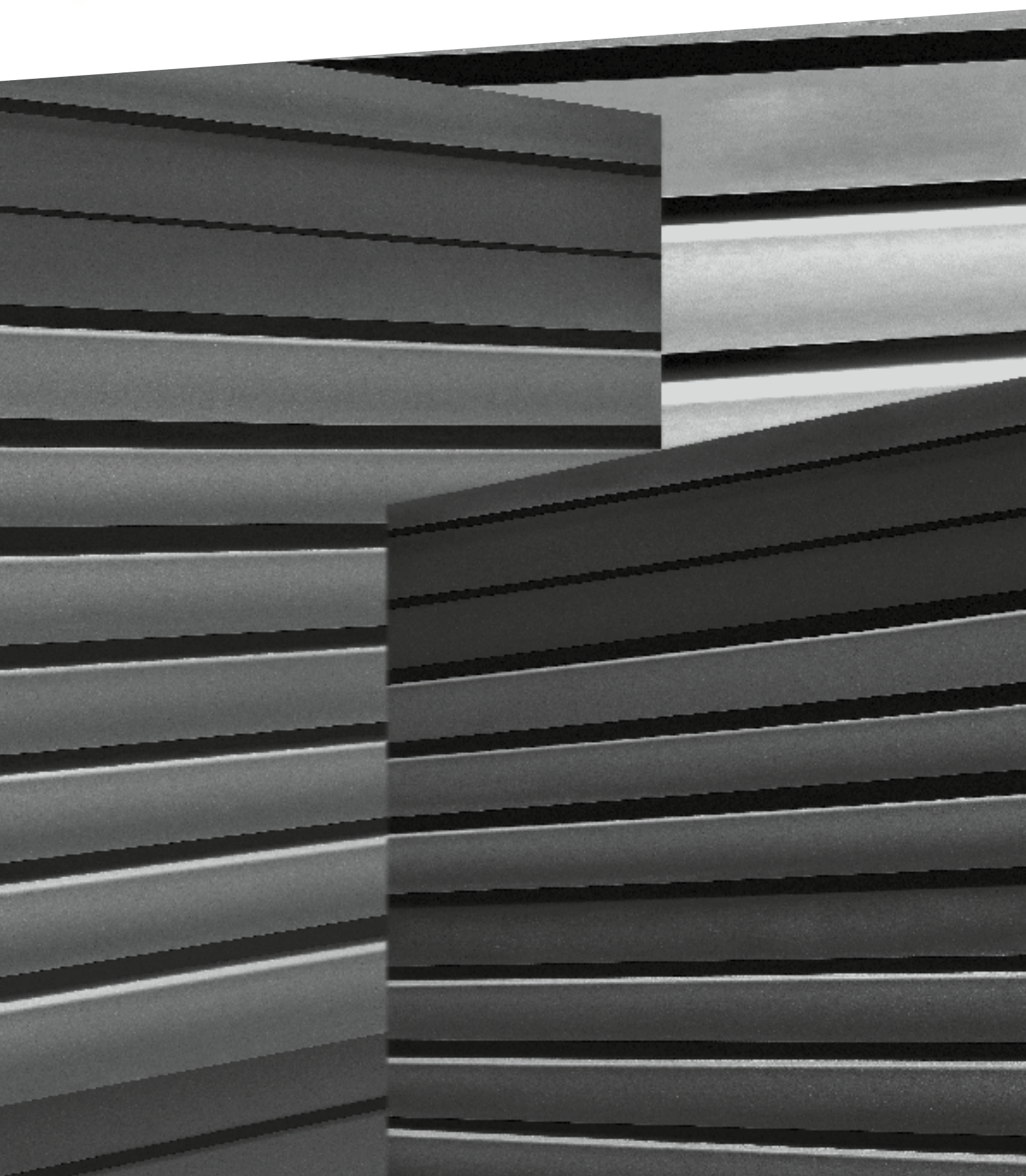
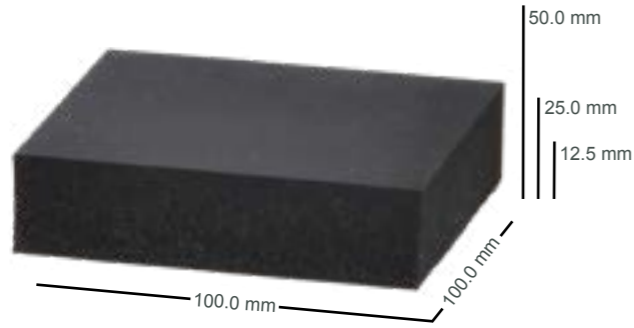


NOVODAMP® NCP 100



NOVODAMP® NCP 100 is the standardized elastomeric bearing series of noise-control pads, especially designed to control noise and vibration problems in projects with required support frequencies between **8 Hz and 30 Hz**.

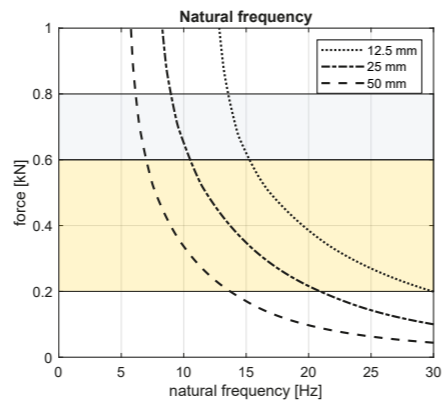
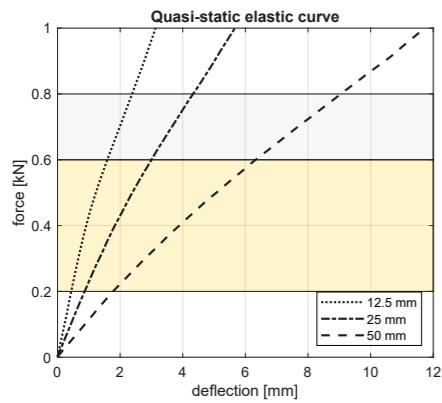
The NOVODAMP® NCP 100 series contains different pad types, dimensioned 100 x 100 mm, with a static load range from **0.4 kN to 8.4 kN** each. They are available in three thicknesses of **12.5, 25 and 50 mm**.



In the following diagrams, detailed load deflection and load natural frequency curves are shown for each type of NOVODAMP® NCP 100. The static load range is shown by the lower yellow area. Within it, the pad can be used with a static permanent load. The dynamic reserve is shown by the upper grey range and means the load reserve for additional dynamic loads.

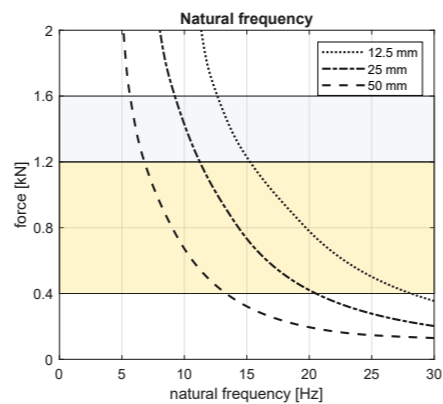
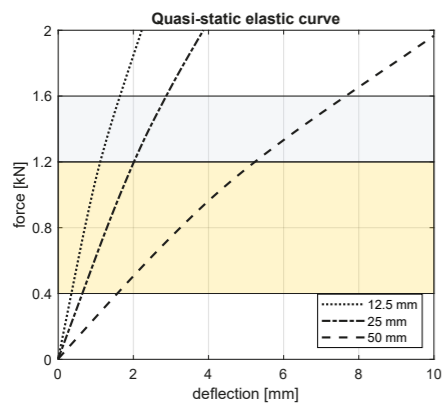
NOVODAMP® NCP 100 M010
/12.5 /25.0 /50.0

Dynamic reserve 0.8 kN
Peak loads* 1.5 kN



NOVODAMP® NCP 100 M018
/12.5 /25.0 /50.0

Dynamic reserve max. 1.6 kN
Peak loads* max. 3.0 kN



*Peak load: Maximum limit for short term, infrequent loads without material damage.

How to chose the correct pad?

Step 1

The natural frequencies are determined by the pad thickness:

Natural frequency [Hz]	Thickness [mm]
8 – 13	50
13 – 18	25
18 – 30	12.5

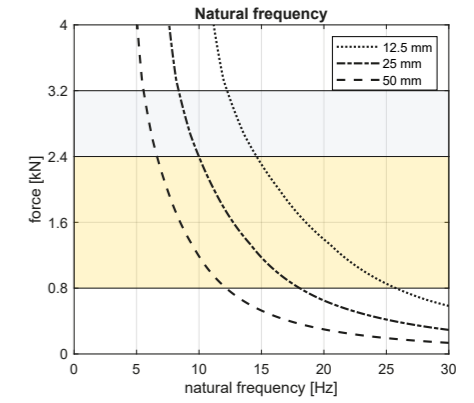
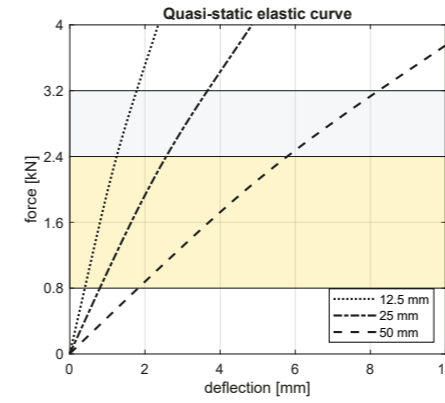
Step 2

The material type is selected by the bearing load:

Static load range [kN]	Material type
0.2 – 0.6	M010
0.4 – 1.2	M018
0.8 – 2.4	M035
1.2 – 3.6	M060
1.8 – 5.4	M100
2.8 – 8.4	M150

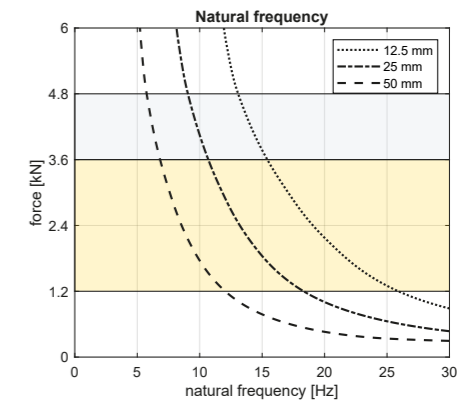
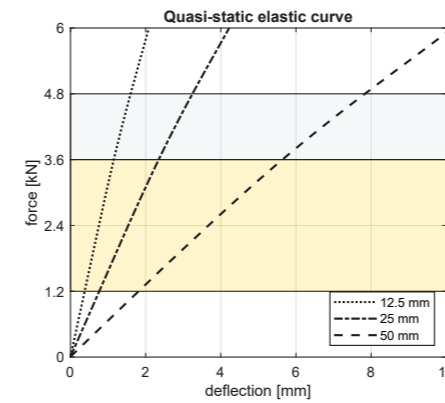
NOVODAMP® NCP 100 M035
/12.5 /25.0 /50.0

Dynamic reserve max. 3.0 kN
Peak loads* max. 6.0 kN



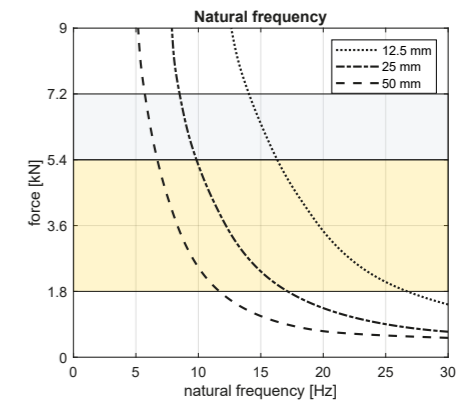
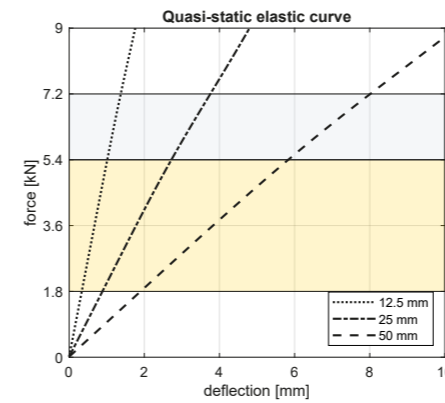
NOVODAMP® NCP 100 M060
/12.5 /25.0 /50.0

Dynamic reserve max. 4.8 kN
Peak loads* max. 9.0 kN



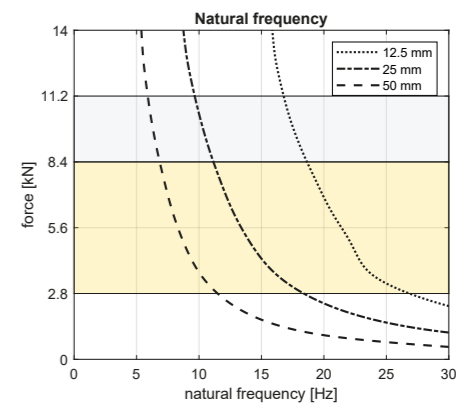
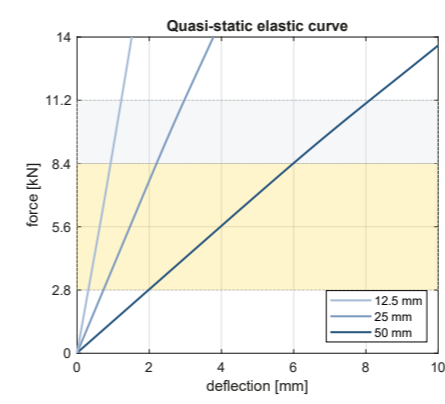
NOVODAMP® NCP 100 M100
/12.5 /25.0 /50.0

Dynamic reserve max. 7.2 kN
Peak loads* max. 15.0 kN



NOVODAMP® NCP 100 M150
/12.5 /25.0 /50.0

Dynamic reserve max. 11.2 kN
Peak loads* max. 20.0 kN





Interested in detailed information
or individual consulting service?
Please contact us!

GERB Schwingungsisolierungen GmbH & Co. KG

Roedernallee 174 – 176	Ruhrallee 311
13407 Berlin, Germany	45136 Essen, Germany
+49 30 4191-0	+49 201 26604-0
info@gerb.com	info@gerb.com

GERB.COM

©GERB Schwingungsisolierungen GmbH & Co. KG | All rights reserved.
Certified to: ISO 9001 ISO 14001 DIN EN 1090 BS OHSAS 18001

**VIBRATIONS CAN BE CONTROLLED
– WHEREVER THEY OCCUR**

get this brochure online:

