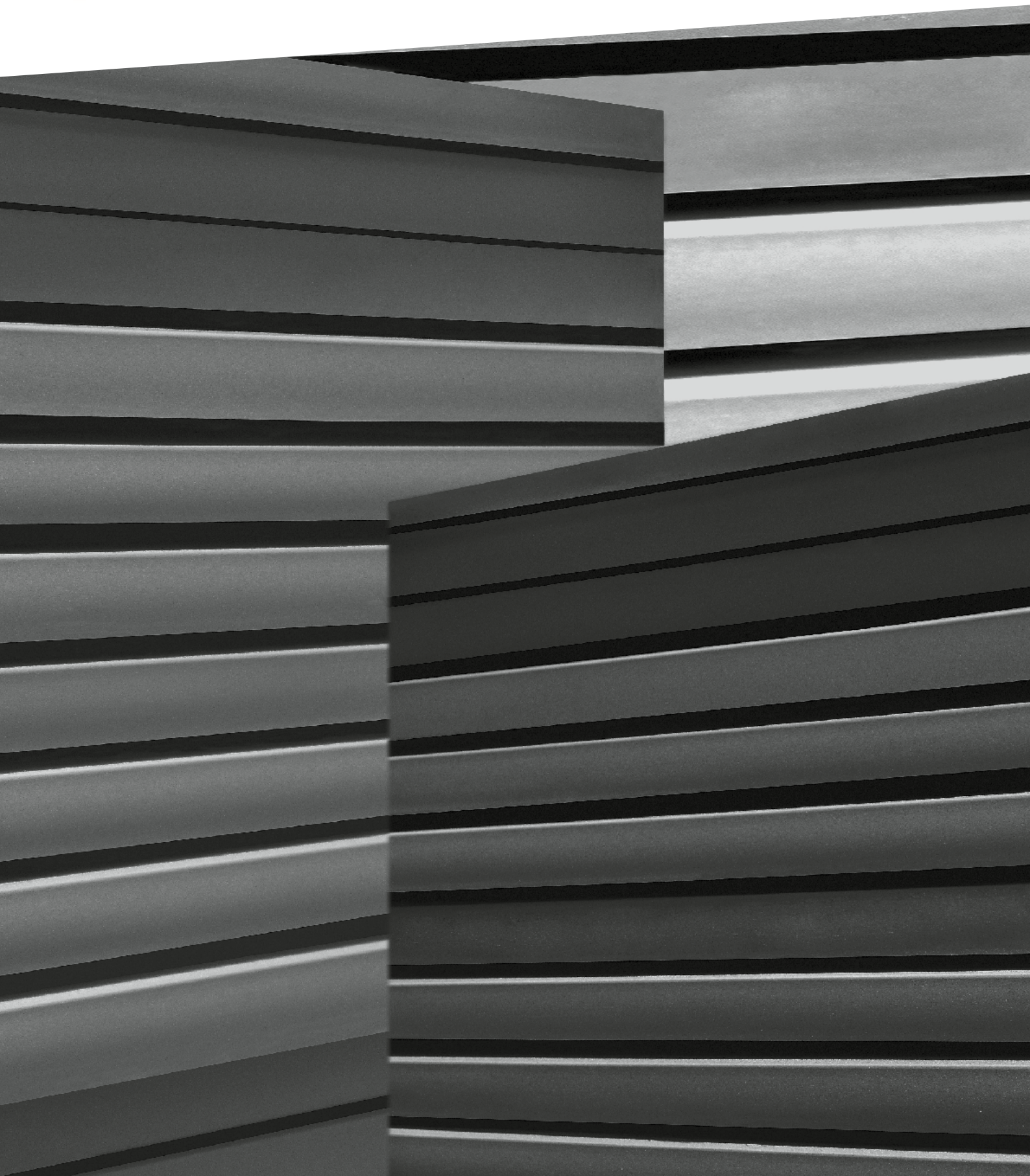
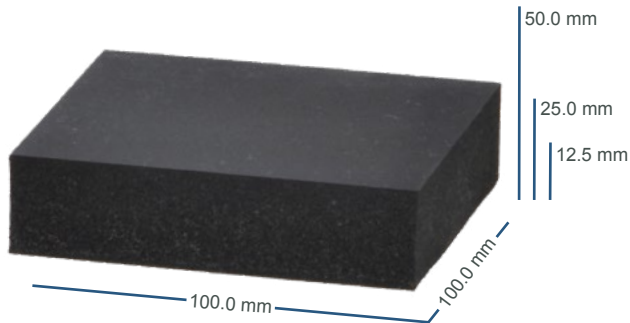


NOVODAMP® NCP 100



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.

How to chose the correct pad?

Step 1

The natural frequencies are determined by the pad thickness:

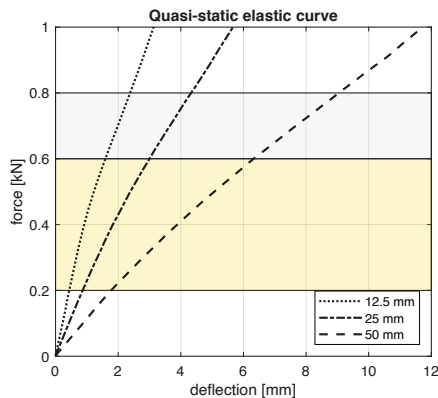
Natural frequency [Hz]	Thickness [mm]
8 – 13	50
13 – 18	25
18 – 30	12.5

Step 2

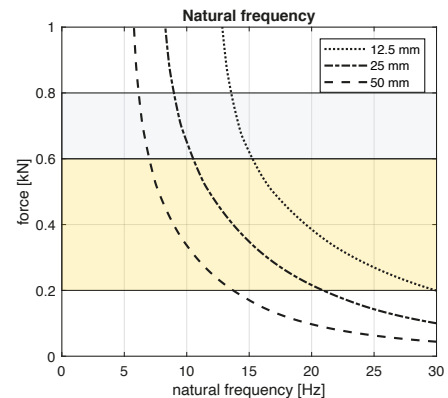
The material type is selected by the bearing load:

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

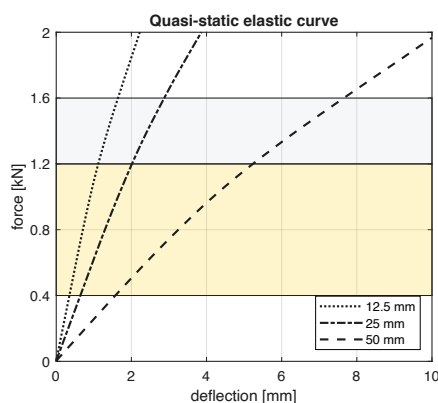
NOVODAMP® NCP 100 M010 /12.5 /25.0 /50.0



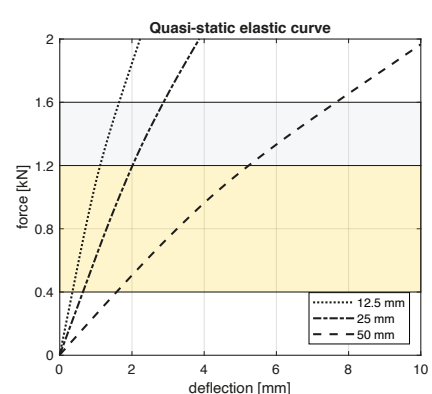
Dynamic reserve 0.8 kN
Peak loads* 1.5 kN



NOVODAMP® NCP 100 M018 /12.5 /25.0 /50.0

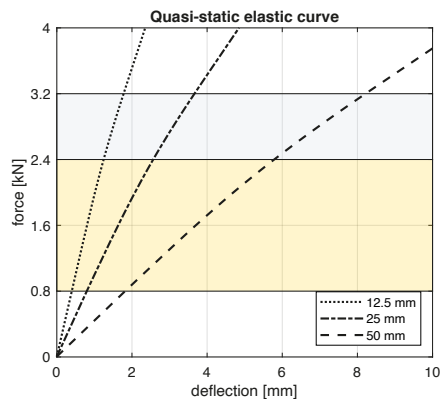


Dynamic reserve max. 1.6 kN
Peak loads* max. 3.0 kN

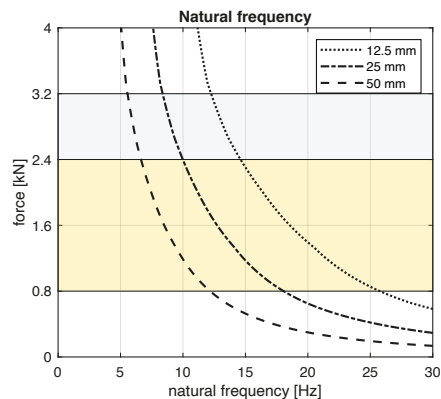


*Peak load: Maximum limit for short term, infrequent loads without material damage.

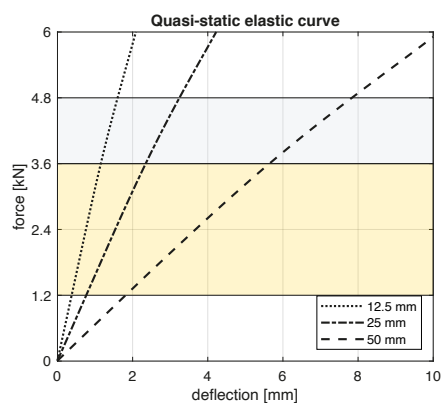
NOVODAMP® NCP 100 M035
/12.5 /25.0 /50.0



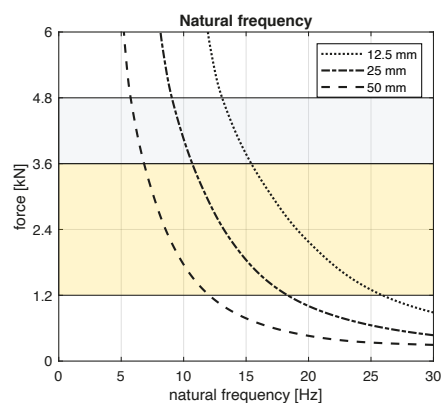
Dynamic reserve max. 3.0 kN
Peak loads* max. 6.0 kN



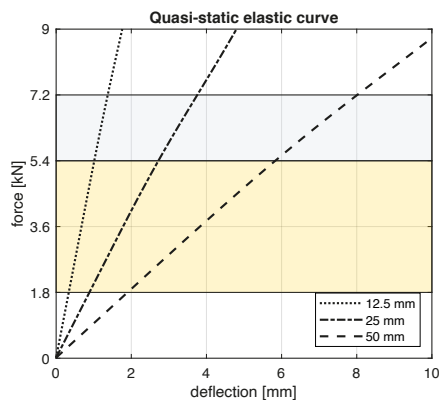
NOVODAMP® NCP 100 M060
/12.5 /25.0 /50.0



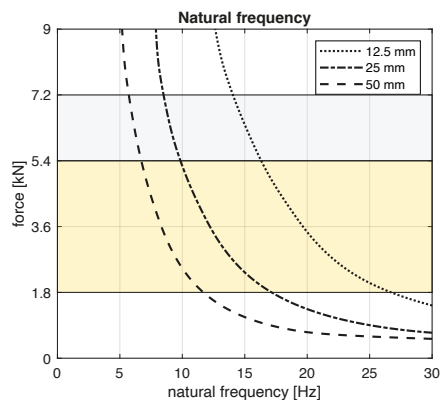
Dynamic reserve max. 4.8 kN
Peak loads* max. 9.0 kN



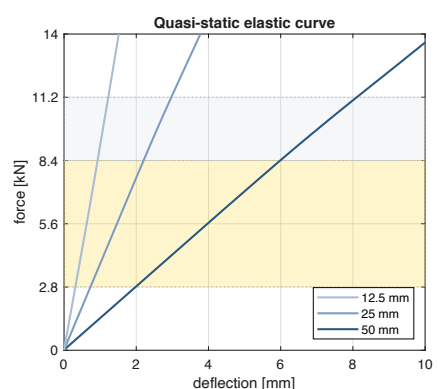
NOVODAMP® NCP 100 M100
/12.5 /25.0 /50.0



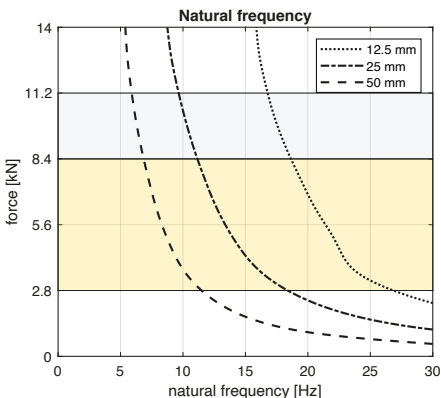
Dynamic reserve max. 7.2 kN
Peak loads* max. 15.0 kN



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
13407 Berlin, Germany

+49 30 4191-0
info@gerb.com

GERB.COM

Ruhrallee 311
45136 Essen, Germany

+49 201 26604-0
info@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:



GERE NOVODAMP® NCP 100
OPEN TYPE | 2022-08