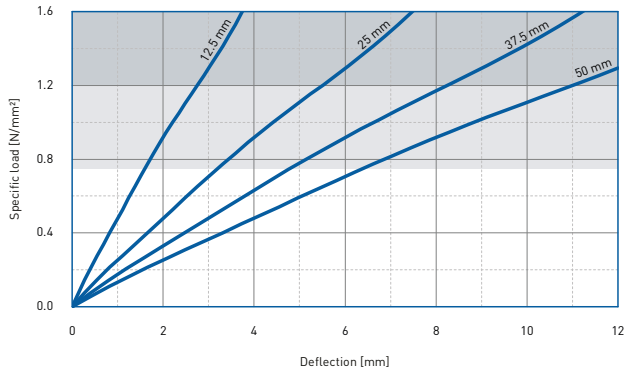
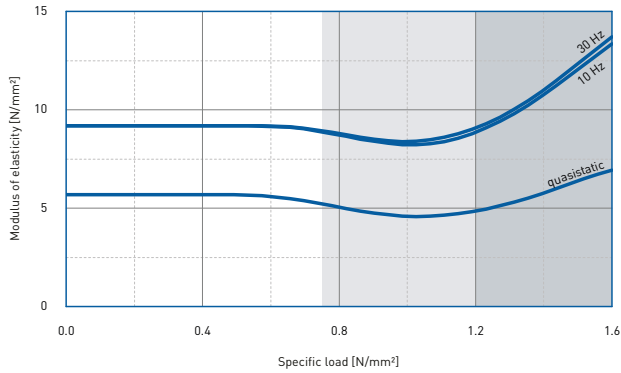


Load deflection curve



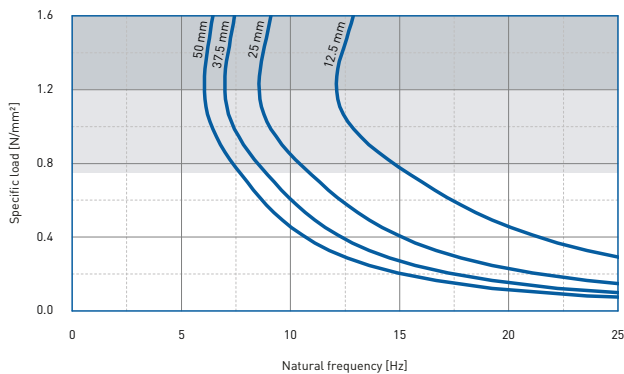
Recording of the 3rd loading; testing between steel plates at room temperature measured with a deflection rate of 1% of the thickness per second.
Form factor $q = 3$

Modulus of elasticity



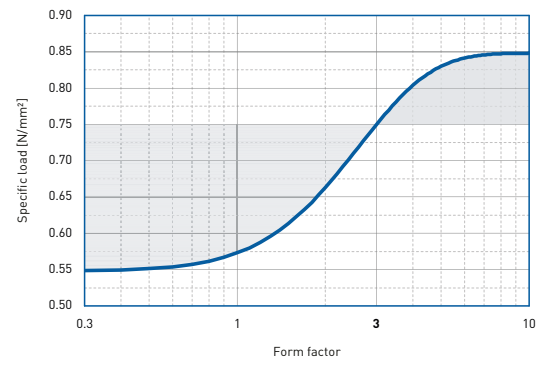
- Dynamic test: sinusoidal excitation with an oscillating range of ± 0.11 mm at 10 Hz and ± 0.04 mm at 30 Hz.
- Quasistatic modulus of elasticity: tangent modulus taken from the load deflection curve.
- Test according to DIN 53513. Form factor $q = 3$

Natural frequency based on the Modulus of elasticity @ 10Hz

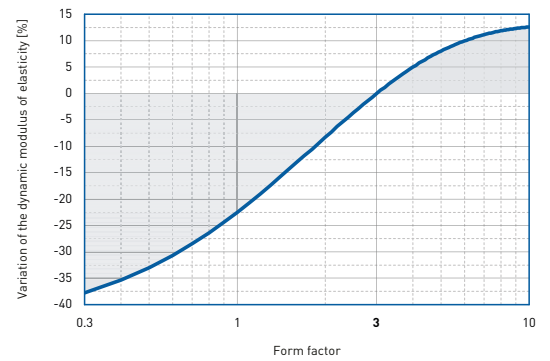


Natural frequency of a single-degree-of-freedom system consisting of a fixed mass and an elastic bearing consisting of VIKADYN VD 350 on a stiff subgrade.
Form factor $q = 3$

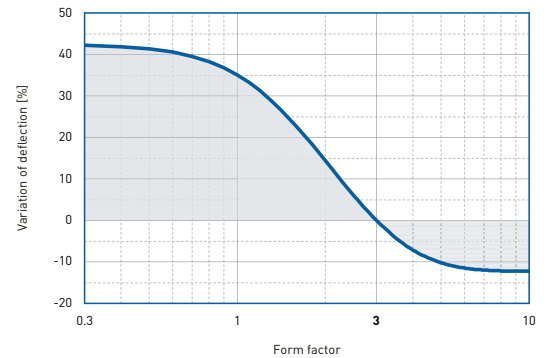
Static load range



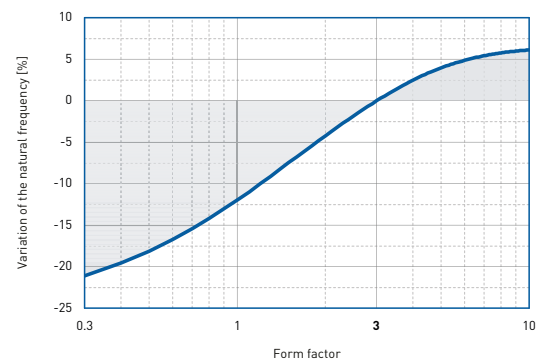
Dynamic modulus of elasticity @ 10Hz



Deflection



Natural frequency



Correction values varying form factors specific load 0.35 N/mm².
Form factor $q = 3$