

Elastic Suspension Elements Type DEL

for Vibration Isolation and Structure-Borne Noise Reduction

- **Load capacity 1.3 to 9.4 kN**
Vertical natural frequency 8.5 Hz

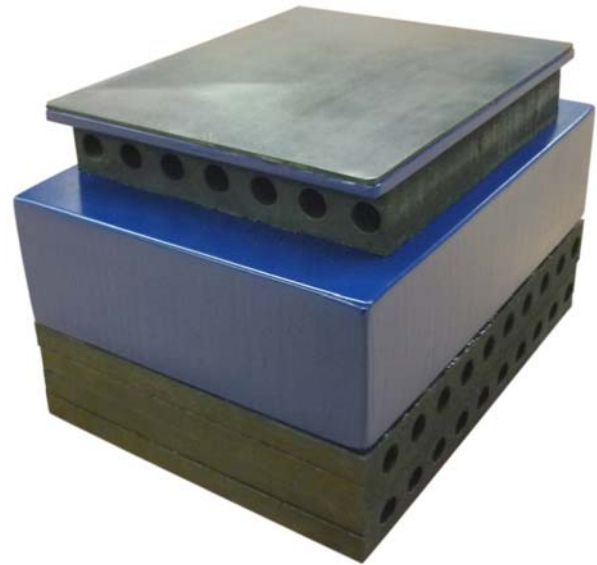
■ Mode of Function

Isolating plant and machinery against vibrations using G+H suspension elements makes a big contribution to reducing the transmission of intermittent or periodic interference.

The suspension element's structure gives it a double elastic suspension effect (2-mass oscillator).

■ Advantages

- DEL elements dispense with the need to install a heavy concrete intermediate foundation for a suspension system with conventional damping elements
- Low weight
- Low total height
- Easy fitting
- Combining different suspension elements enables application-specific properties
- The suspension element's structure gives it a double elastic suspension effect (2-mass oscillator)
- Increased protection against structure-borne noise at and above the upper natural frequency
- f_2 - 24 dB/octave

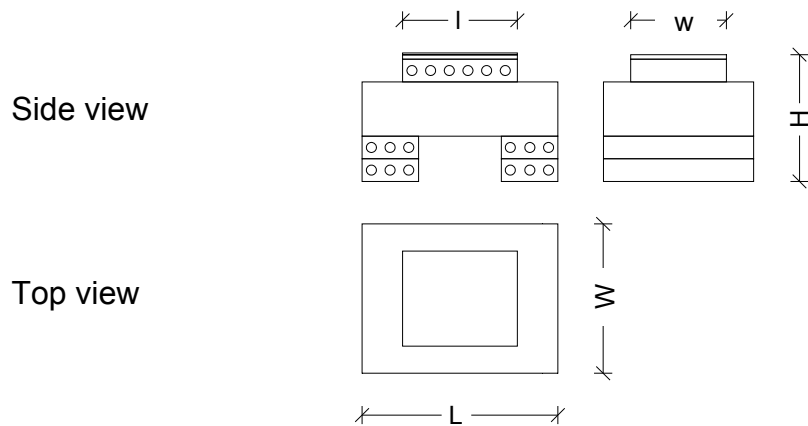


■ Design

- Adhesive board on top
- Pressure distribution board (steel), coated
- Elastic intermediate layer on top, MAFUND®
- Solid steel, coated
- Elastic intermediate layer on the bottom, MAFUND®

■ **DEL-H suspension elements**

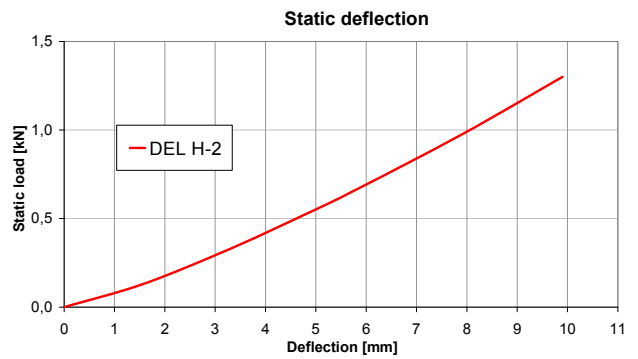
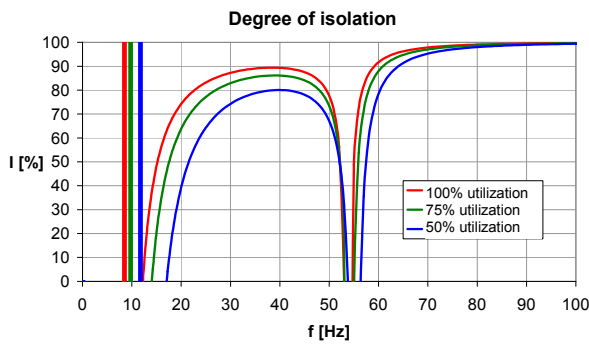
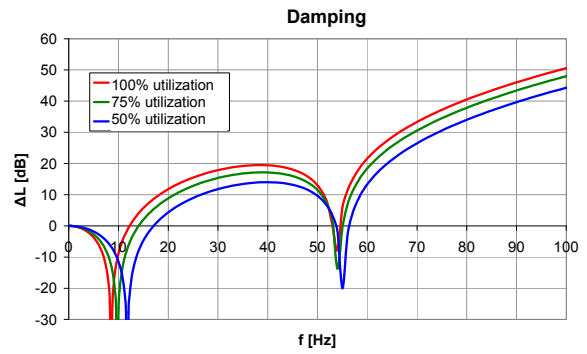
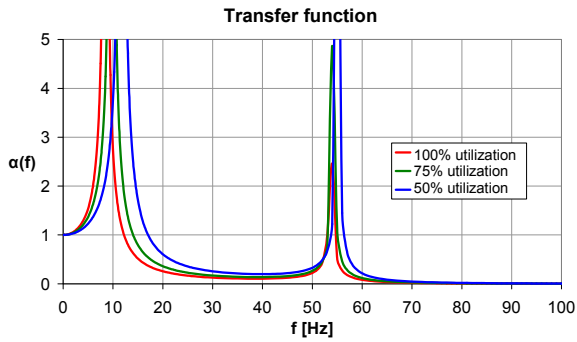
Maximum load capacity 9.4 kN



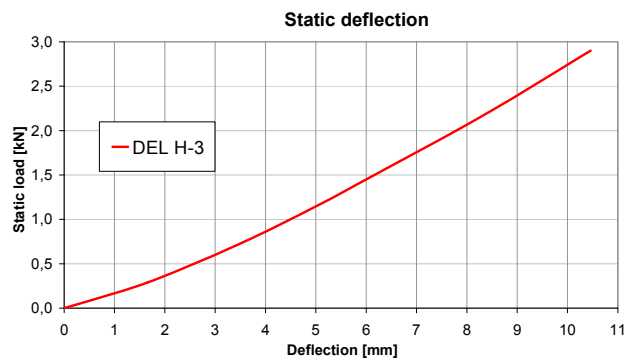
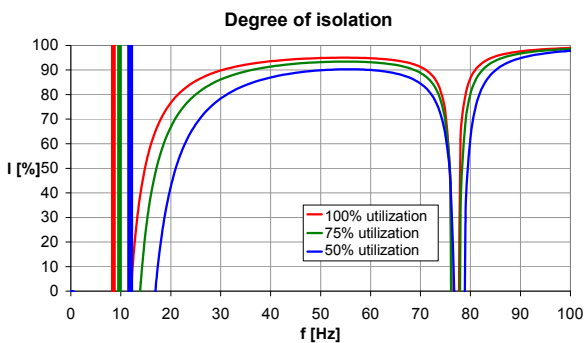
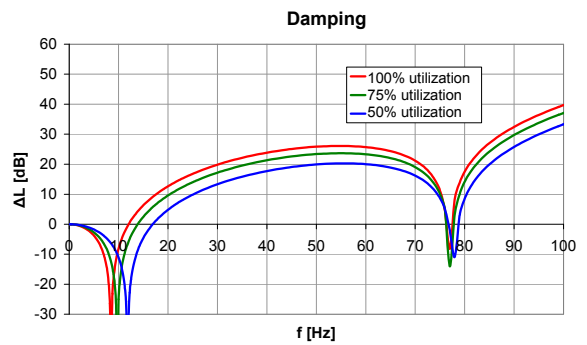
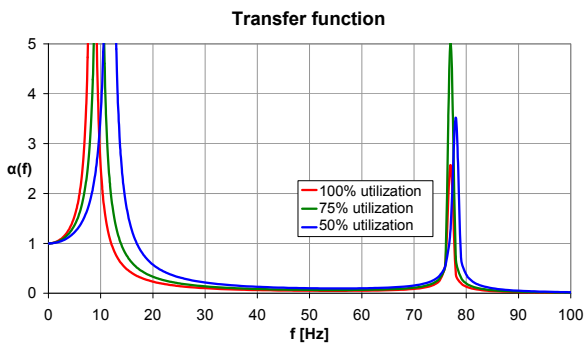
■ **Technical data, Dimensions, Weights**

Grade	Material number	Load capacity		Natural frequency vertical		Height			Dimensions		Bearing surface top		Weight [kg]
		from	to	f_1	f_2	No load	With load	L	W	l	w		
		F_{per} [kN]		[Hz]		[mm]			[mm]		[mm]		
DEL-H2	H5618502	0	1.3	8.5	54	142	142	132	215	165	83	62	17.3
DEL-H3	H5618503	0	2.9	8.5	77						107	83	17.6
DEL-H4	H5618504	0	4.7	8.4	98						126	105	18.1
DEL-H5	H5618505	0	8.5	8.5	131						165	126	18.9
DEL-H6	H5618506	0	9.4	8.6	138						155	145	19.1

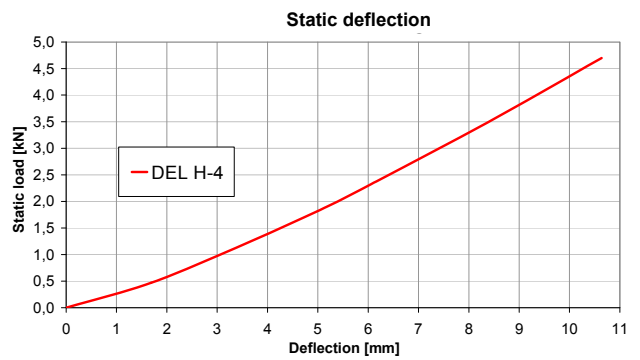
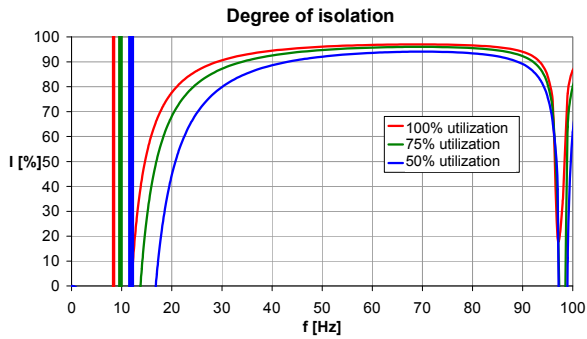
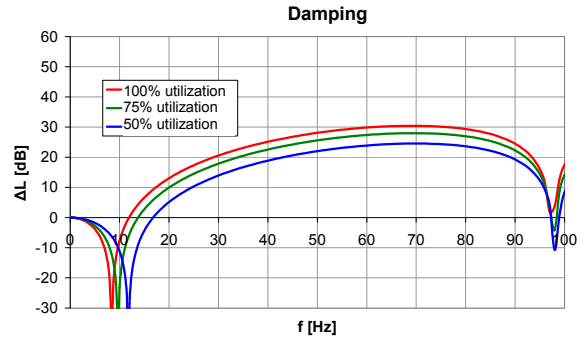
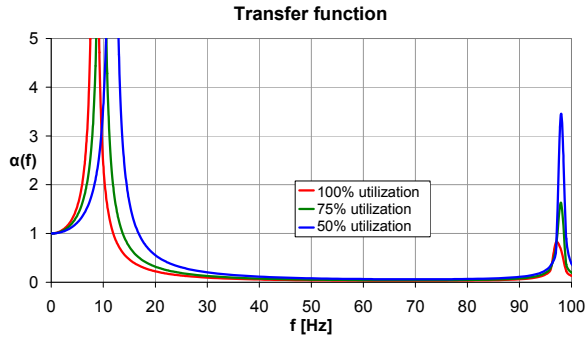
■ **Technical data DEL-H2**



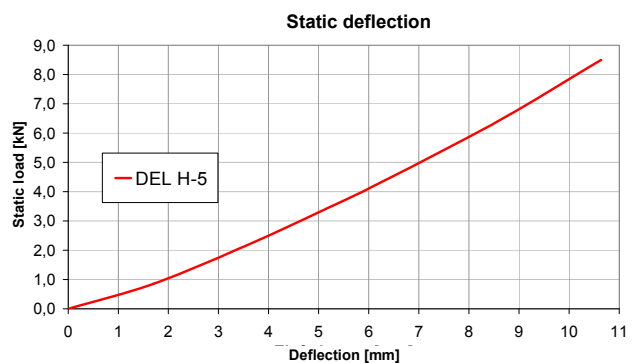
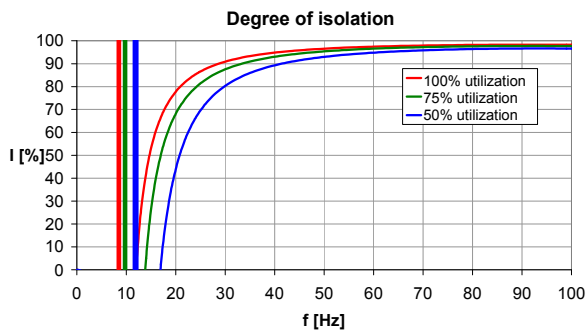
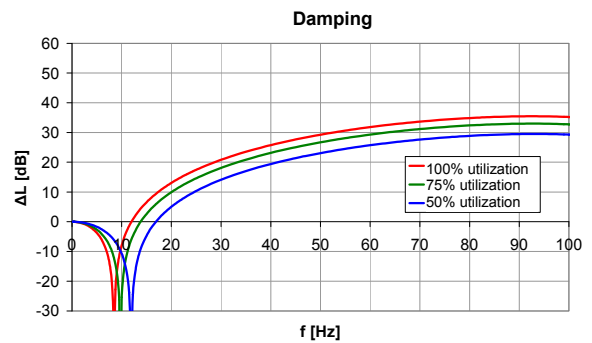
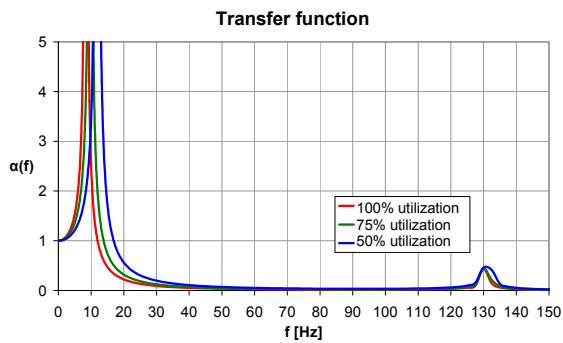
■ **Technical data DEL-H3**



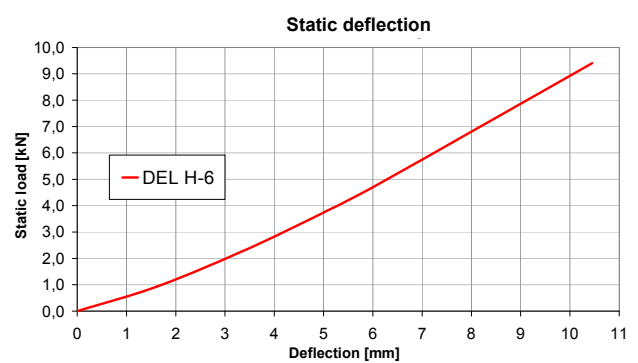
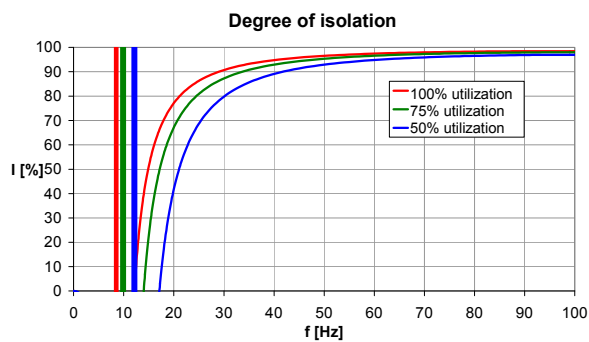
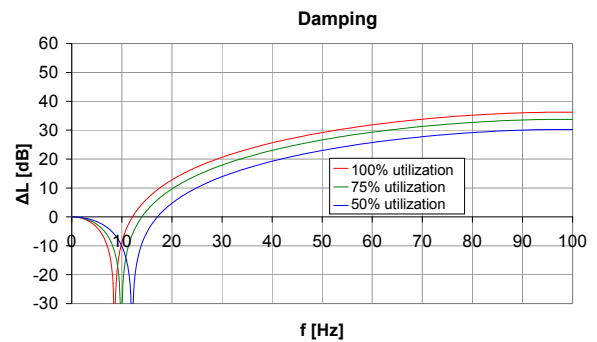
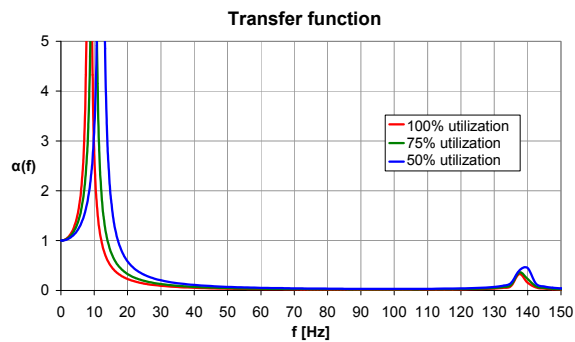
■ **Technical data DEL-H4**



■ **Technical data DEL-H5**



■ **Technical data DEL-H6**



The data given in this product information are based on our present state of knowledge, reflect the state-of-the-art technology and are subject to change. Warranty is granted only on the basis of individual contracts and execution by G+H Schallschutz.