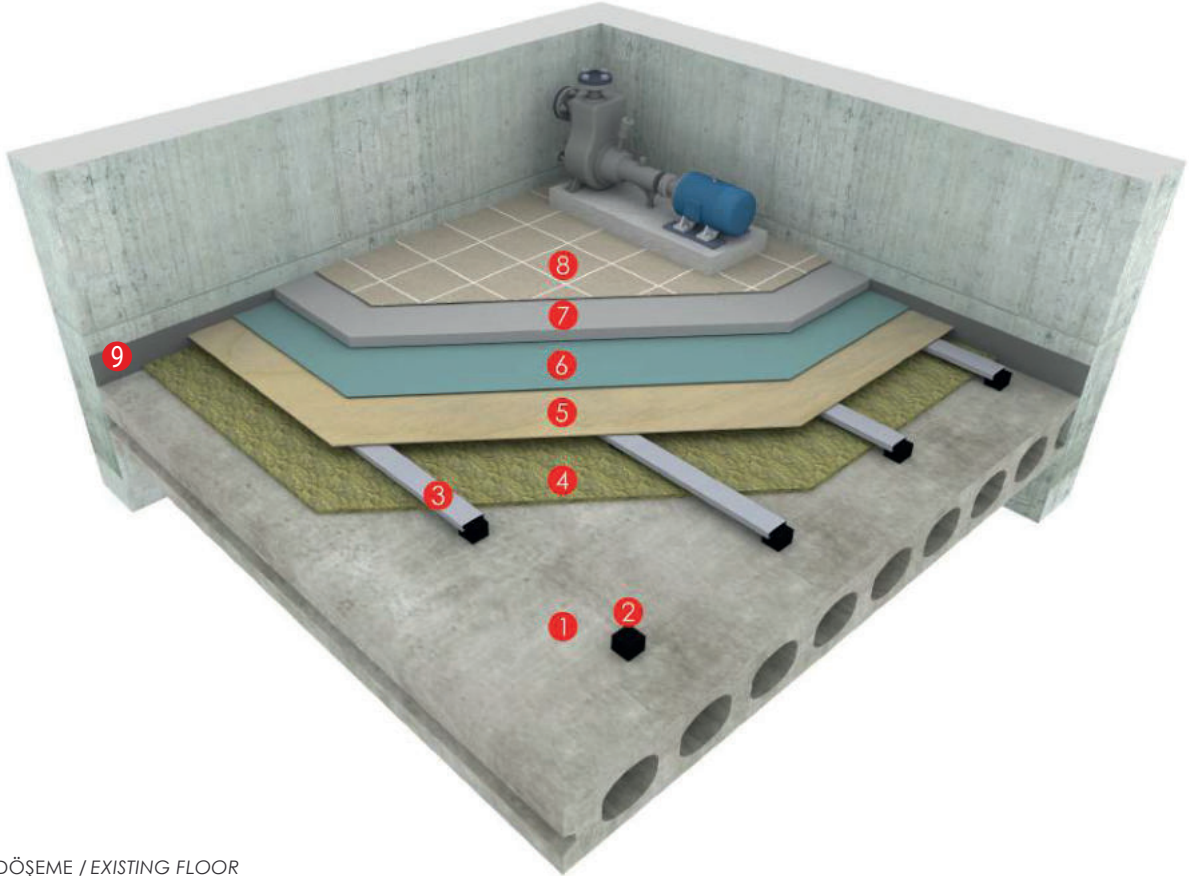


DAMTEC VIBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ BEARING

DAMTEC VIBRA MEDIUM BEARING, geri dönüştürülmüş kauçuk granüllerinden üretilen titreşim sönümleyici pedlerdir. DAMTEC VIBRA ürünleri, mekanik odalarda şap altında titreşim izolasyonu sağlamak için bearing şeklinde kullanılmaktadır. DAMTEC VIBRA, uluslararası testlerle kanıtlanmış taşıma kapasitesi, çökme miktarı ve doğal frekans grafiklerine sahiptir. Ürün standart olarak 10 mm, 20 mm, 40 mm ve 50 mm kalınlıkta üretilmektedir. Ürünlerin yüzey alanları ise hesaplama doğrultusunda projeye özel olarak belirlenmektedir.

DAMTEC VIBRA MEDIUM BEARING is an antivibration product which is made of recycled rubber granules. DAMTEC VIBRA can be used in mechanical rooms in order to eliminate vibration. DAMTEC VIBRA has a load capacity, deflection and natural frequency diagram that proven with international tests. Standard thicknesses of bearing are 10 mm, 20 mm, 40 mm and 50 mm. Dimensions of width and length are calculated and produced according to project needs.

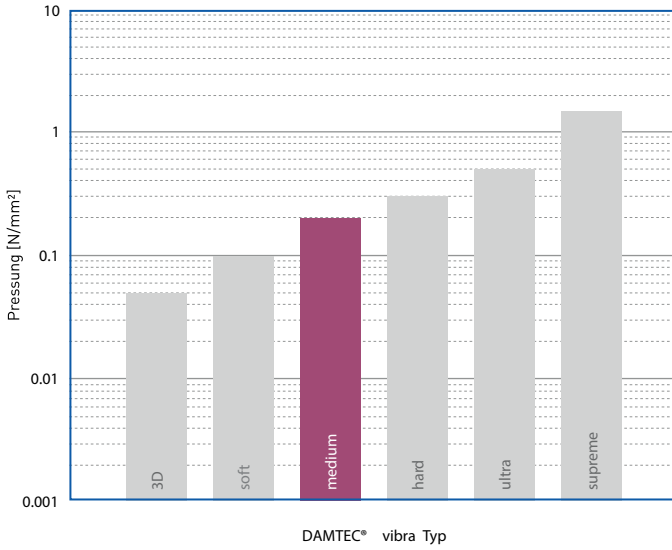


- 1- MEVCUT DÖŞEME / EXISTING FLOOR
- 2- **BAF VIBRA MEDIUM BEARING**
- 3- GALVANİZ AKUSTİK PROFİL / GALVANIZED ACOUSTIC PROFILE
- 4- TAŞYÜNÜ / ROCKWOOL
- 5- PLYWOOD
- 6- PE FİLM
- 7- DONATILI ŞAP / REINFORCED SCREED
- 8- BİTİŞ MALZEMESİ / FINISHING MATERIAL
- 9- BAF STRIP

Daha fazla bilgi ve numune talepleriniz için lütfen irtibata geçiniz.
For more details, please contact with us from contact informations below.

DAMTEC VIBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ BEARING

DAMTEC® vibra series Working range



Recommendations for elastic bearing:

Static load: up to [N/mm²]

0.20

Dynamic load: up to [N/mm²]

0.90

Material Fine granules of recycled rubber foam with PU elastomer bonding agent

Colour anthracite or anthracite/multicolour

Surface closed, smooth

Delivery specifications

Thickness: 5 | 10 | 12,5 | 15 | 20 mm (±1.0 mm)

Roll width: 1250 mm (±1,5%)

Roll length: 5/8 | 10/6 | 12,5/1 | 15/1 | 20/1 mm/m (±1.5%)

Other dimensions on request (also stamping and moulded parts).

Properties	Value	Test method	Comment
Tensile strength	ca. 0.20 N/mm ²	ISO 1798	
Elongation at break	ca. 35 %	ISO 1798	
Maximum pressure	0.20 N/mm ²	EN 826	
Bedding modulus	0.05 - 0.70 N/mm ³	DIN 53513	depending on configuration, load and frequency
Natural frequency	12 - 30 Hz		depending on configuration, load and frequency
Service temperature range	-30 to +80 °C		
Flammability rating	Efl	(ISO 11925/EN 13501)	normal flammable
Density	400 - 500 kg/m ³		

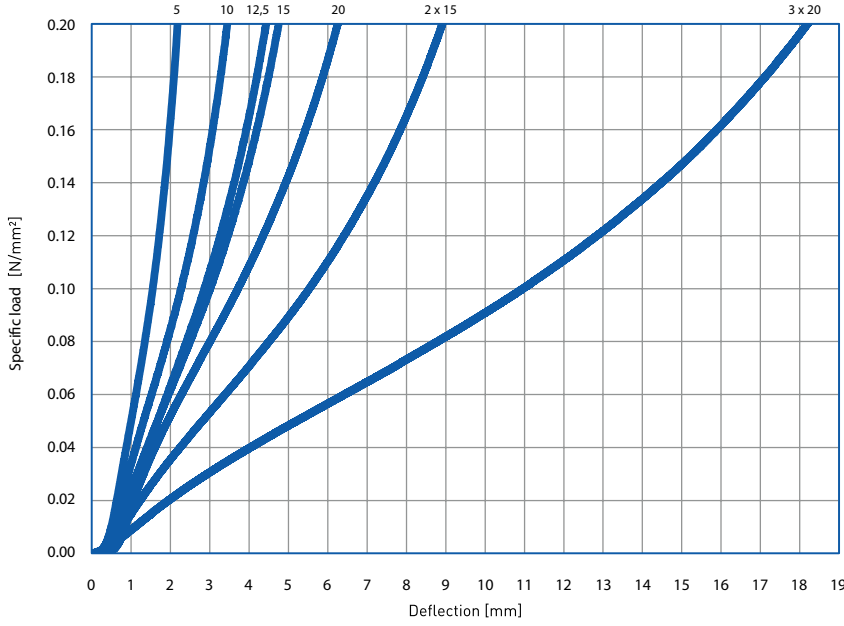
All information and data is based on our current knowledge. The data are subject to typical manufacturing tolerances and are not guaranteed. We reserve the right to amend the data.



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DAMTEC VİBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ BEARING

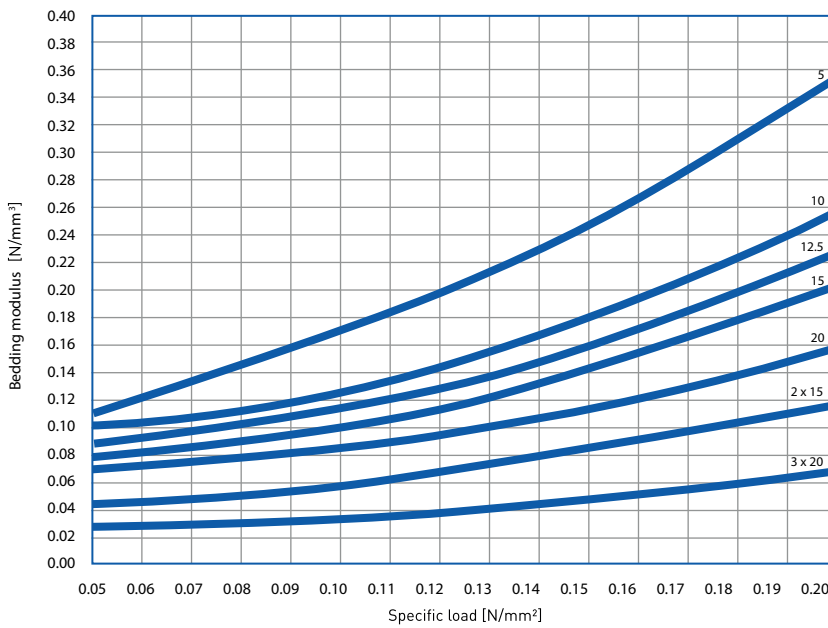
Load deflection curve



Recording of the 3rd loading; testing between steel plates at room temperature
Testing in accordance with DIN EN 826

Test speed $v = 10$ mm/min
Sample dimensions 300 x 300 mm

Bedding modulus



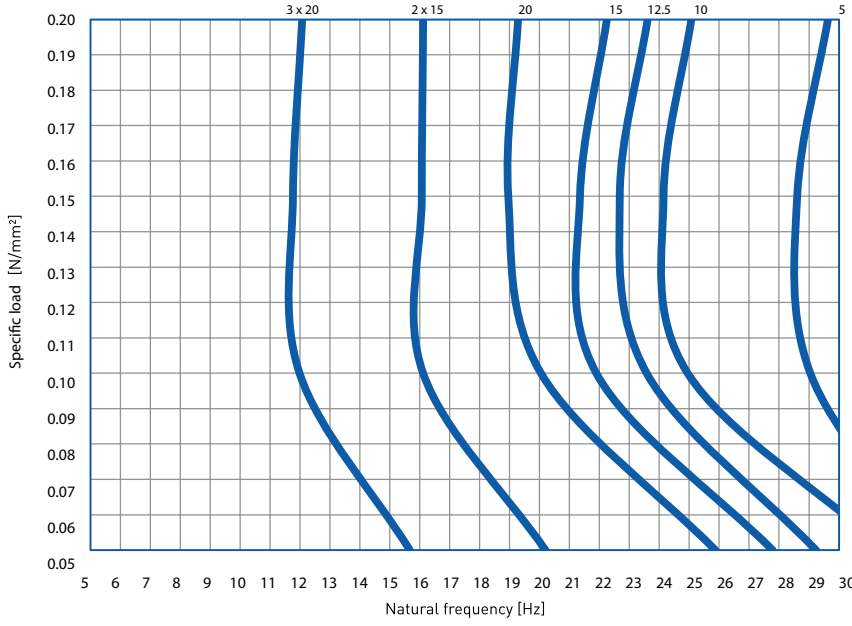
Dynamic test: sinusoidal excitation with an oscillating range of ± 0.25 mm at 10 Hz
Testing in accordance with DIN 53513

Sample dimensions 300 x 300 mm

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DAMTEC VİBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ BEARING

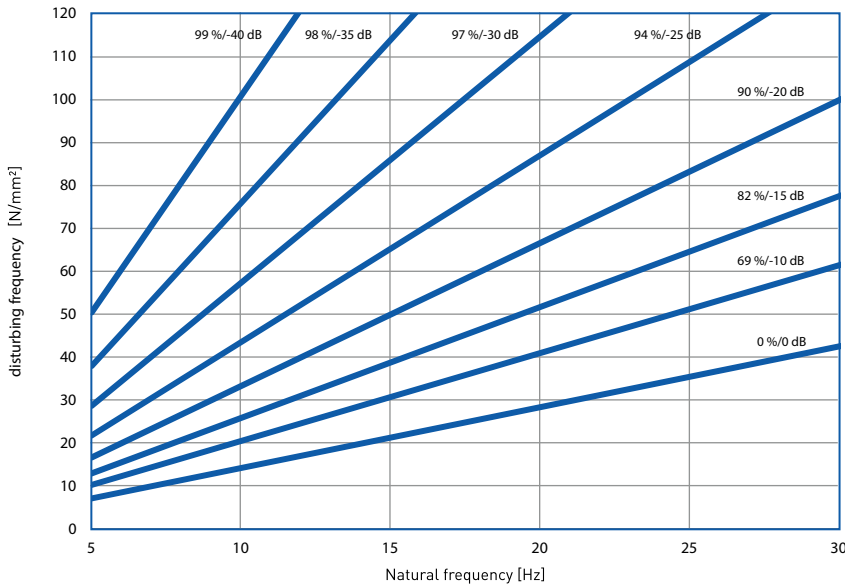
Natural frequency



Natural frequency of the system consisting of a fixed mass and an elastic bearing consisting of DAMTEC® vibra medium on a stiff subgrade

Sample dimensions 300 x 300 mm

Vibration isolation



The isolation effect for a single mass oscillator system on a rigid surface with DAMTEC® vibra medium .

Parameters:
insertion loss in dB,
Isolation factor in %.

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