

# Technical datasheet

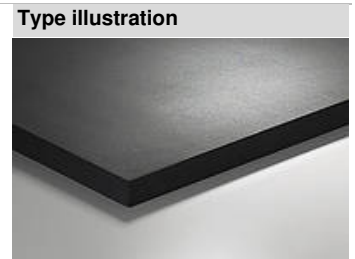
## BiLoc 425

Art. no.  
**2.00425.70**

Highly effective isolation for sensitive devices that are affected by vibrations.

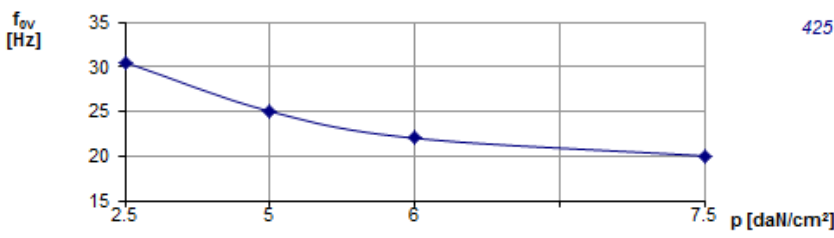
Ideal load p  
**6.0 daN/cm<sup>2</sup>**

| Article information |            |
|---------------------|------------|
| Type                | 425        |
| Name                | BiLoc 425  |
| Art. no.            | 2.00425.70 |
| Color               | black      |



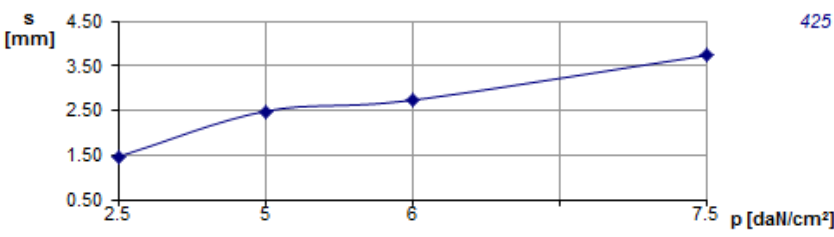
| Technical Data  |         | Dimensions                  |                |
|---|---------|-----------------------------|----------------|
| Profile   | without | Length L [mm]               | 1000           |
| Hardness [° Shore A]  | 40 - 45 | Width B [mm]                | 500            |
| Load p from [daN/cm <sup>2</sup> ]                              | 2.5     | Pad thickness unloaded [mm] | 25             |
| Load p from [psi]   | 36.5    | Pad thickness tolerance web | DIN 7715/T5/P3 |
| Load p to [daN/cm <sup>2</sup> ]                                | 7.5     | <b>Range of application</b> |                |
| Load p to [psi]   | 109.0   | Temperature range from [°C] | -20            |
| Ideal load p [daN/cm <sup>2</sup> ]                             | 6.0     | Temperature range to [°C]   | 80             |
| Ideal load p [psi]  | 87.0    |                             |                |
| Vertical natural frequency at ideal load f <sub>0v</sub> [Hz]   | 22.0    |                             |                |
| Horizontal natural frequency at ideal load f <sub>0h</sub> [Hz] | 4.5     |                             |                |
| Tolerance natural frequency +/- [Hz]                            | 10%     |                             |                |
| Vertical damping ratio D at ideal load [%]                      | 6.2     |                             |                |
| Tolerance +/-   | 10%     |                             |                |
| Coefficient of friction on concrete with fine mortar            | 0.9     |                             |                |
| Coefficient of friction tolerance +/-                           | 0.1     |                             |                |
| Weight [kg]   | 16.0    |                             |                |

### Diagram vertical natural frequency



Tolerance natural frequency vertical f<sub>0v</sub> [Hz] 10% +/-

### Diagram deflection



Tolerance Deflection s +/- 10%

### Standard pad dimensions

| <b>Article no.</b> | <b>Length [mm]</b> | <b>Width [mm]</b> |
|--------------------|--------------------|-------------------|
| 2.00425.70         | 1000               | 500               |
| 2.00425.71         | 500                | 500               |
| 2.00425.72         | 500                | 250               |
| 2.00425.76         | 250                | 250               |
| 2.00425.80         | 200                | 200               |
| 2.00425.85         | 125                | 125               |
| 2.00425.86         | 100                | 100               |

Other dimensions in all shapes available from stock upon request.