

# Technical datasheet

## BiLoc 425 425

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

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

Type	425
Name	BiLoc 425
Art. no.	2.00425.70
Color	black

### Technical Data

Profile	without
Hardness [° Shore A]	40 - 45
Load p from [psi]	36.5
Load p to [psi]	109.0
Ideal load p [psi]	87.0
Vertical natural frequency at ideal load $f_{ov}$	22.0
[Hz]	
Horizontal natural frequency at ideal load $f_{oh}$	4.5
[Hz]	
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

### Dimensions

Length L [mm]	1000
Width B [mm]	500
Pad thickness unloaded [mm]	25
Pad thickness tolerance	DIN 7715/T5/P3

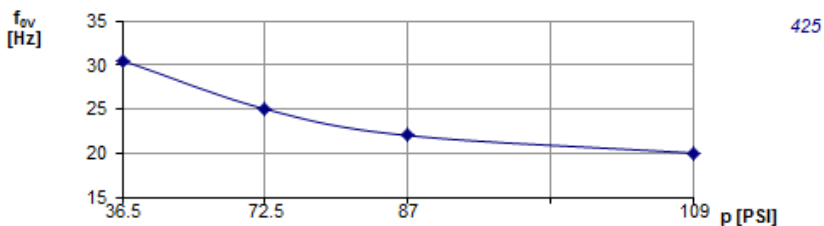
### Type illustration



### Range of application

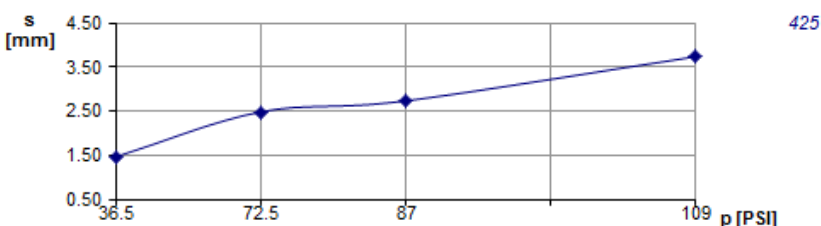
Temperature range from [°C]	-20
Temperature range to [°C]	80

### Diagram vertical natural frequency



Tolerance natural frequency vertical  $f_{ov}$  10%  
[Hz] +/-

### Diagram deflection



Tolerance Deflection s +/- 10%

### Standard pad dimensions

Article no.	Length [mm]	Width [mm]
2.00425.70	1000	500

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.