

Technical datasheet

AirLoc 910

Art. no.
3.09100.70F

Economical isolation pad for high static loads. Low structure height. For machining centers, machine tools with the highest level of constancy.

Ideal load p

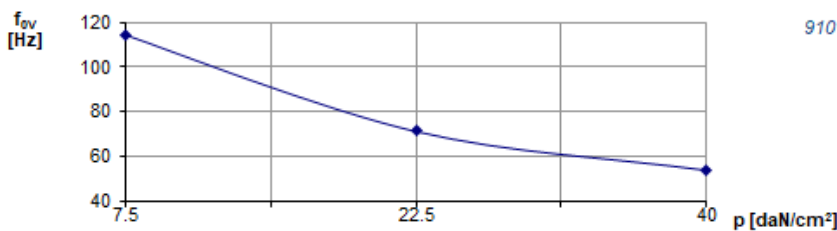
22.5 daN/cm²

Article information	
Type	910
Name	AirLoc 910
Art. no.	3.09100.70F
Color	mint green



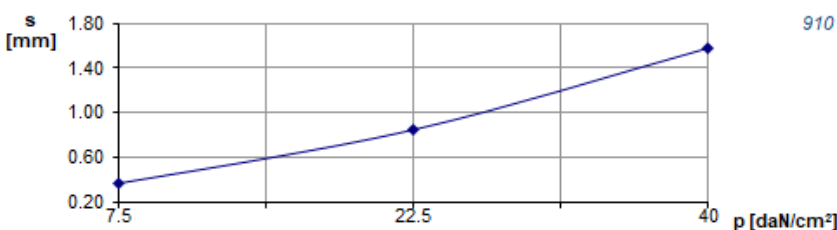
Technical Data		Dimensions	
Profile	without	Length L [mm]	1000
Hardness [° Shore A]	90 - 95	Width B [mm]	500
Load p from [daN/cm ²]	7.5	Pad thickness unloaded [mm]	10
Load p from [psi]	109.0	Pad thickness tolerance web	DIN 7715/T5/P3
Load p to [daN/cm ²]	40.0	Range of application	
Load p to [psi]	580.0	Temperature range from [°C]	-20
Ideal load p [daN/cm ²]	22.5	Temperature range to [°C]	80
Ideal load p [psi]	327.0		
Vertical natural frequency at ideal load f _{0v} [Hz]	71.5		
Horizontal natural frequency at ideal load f _{0h} [Hz]	19.5		
Tolerance natural frequency +/- [Hz]	10%		
Vertical damping ratio D at ideal load [%]	7.0		
Tolerance +/-	10%		
Coefficient of friction on concrete with fine mortar	0.8		
Coefficient of friction tolerance +/-	0.1		
Weight [kg]	7.0		

Diagram vertical natural frequency



Tolerance natural frequency vertical f_{0v} [Hz] 10% +/-

Diagram deflection



Tolerance Deflection s +/- 10%

Standard pad dimensions

Article no.	Length [mm]	Width [mm]
3.09100.70F	1000	500
3.09100.71F	500	500
3.09100.72F	500	250
3.09100.76F	250	250
3.09100.80F	200	200
3.09100.85F	125	125
3.09100.86F	100	100

Other dimensions in all shapes available from stock upon request.