

# Modal behavior of final support system (preliminary)

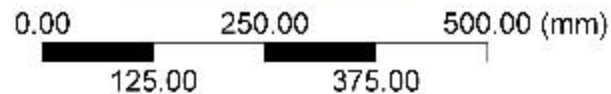
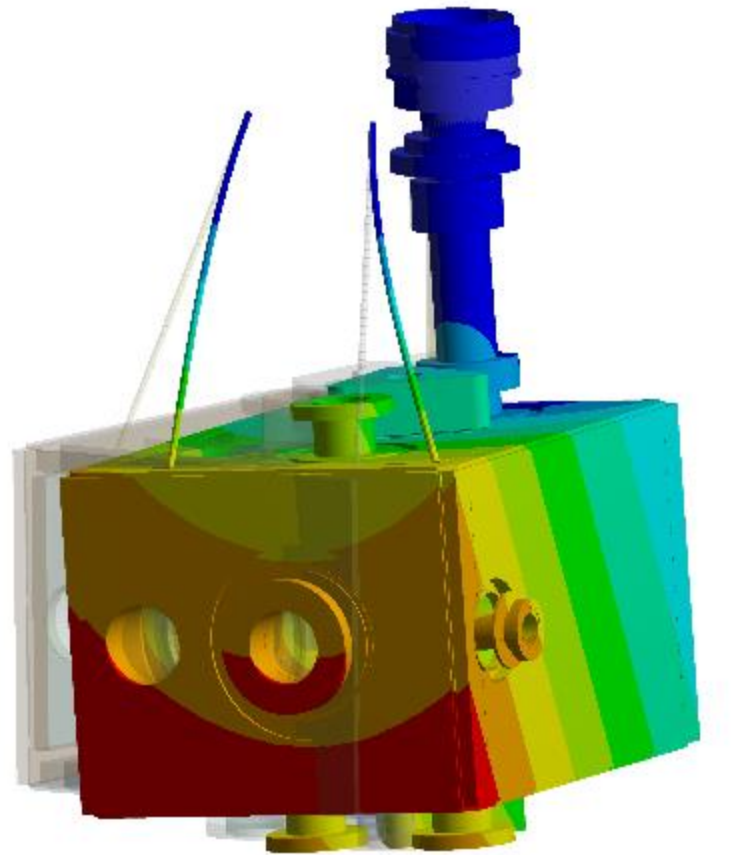
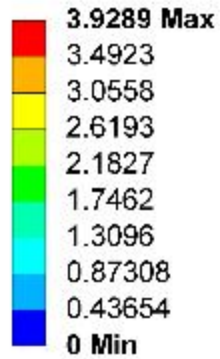
Carlo Zanoni



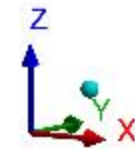
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# Original system

**B: Modal**  
Figure  
Type: Total Deformation  
Frequency: 11.383 Hz  
Unit: mm  
22/06/2015 14:58

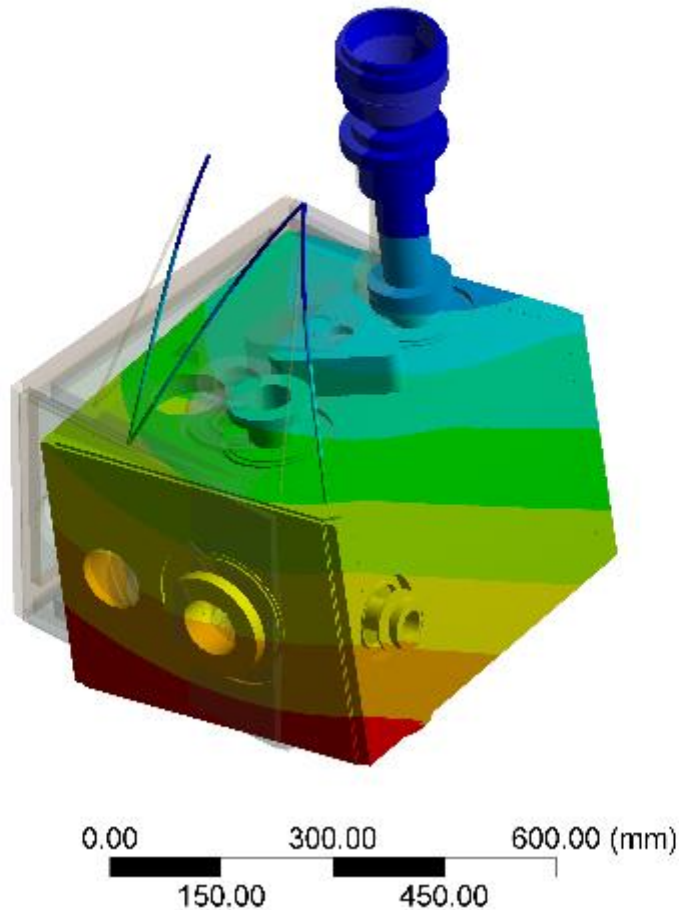
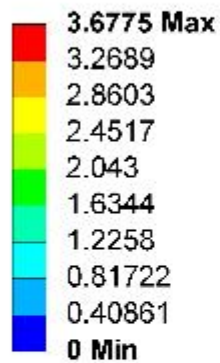


Mode	Frequency [Hz]
1.	11.167
2.	20.565
3.	21.314
4.	26.838
5.	39.66
6.	87.538
7.	99.946
8.	122.82
9.	124.65
10.	124.67
11.	133.79
12.	133.81

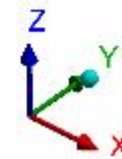


# Increased stiffness

**B: Modal**  
Figure  
Type: Total Deformation  
Frequency: 14.425 Hz  
Unit: mm  
22/06/2015 15:02



Mode	Frequency [Hz]
1.	14.425
2.	20.914
3.	21.826
4.	31.515
5.	39.936
6.	95.465
7.	97.586
8.	99.304
9.	107.18
10.	124.33
11.	124.34
12.	128.56





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