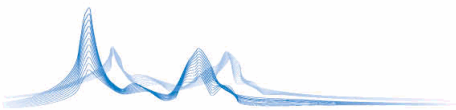


Engineering service.
Noise and Vibration **Solutions.**



AMC SERVICES

Project:

Customer:

Contact:

E-mail:

Study No: 0725280002

Author: B2B

Date of Study:

Date of calculation:

Calculation number: 1

Observation: Test 1

Total Center of Gravity

Xcdg (mm)	Ycdg (mm)	Total Mass
800,0000	600,0000	400,00Kg

System Loads

Name	x	y	m
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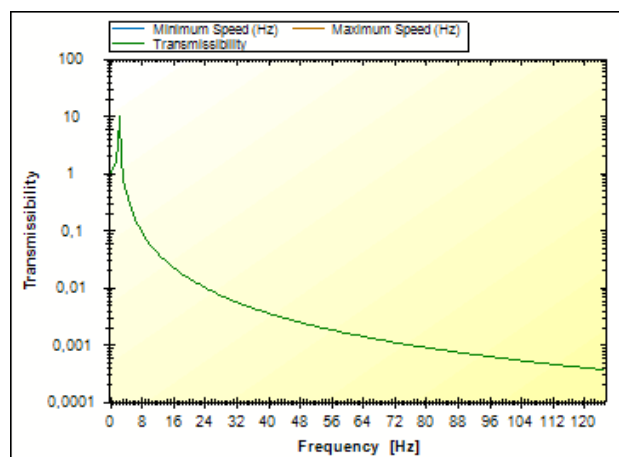
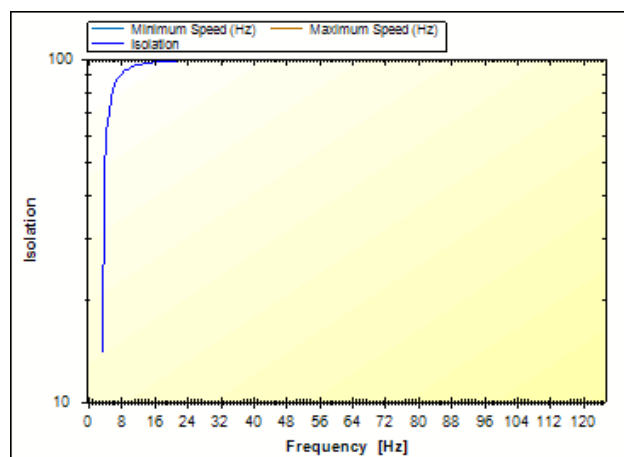
The present recommendation's accuracy depends upon the assumptions made for the calculation and the given input data. It is recommended to check the adequation of the result by any suitable mean and in any case, the responsibility for AMC could be committed in any manner, because of this recommendation.

Aplicaciones Mecánicas del Caucho S.A.
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www.mecanocaucho.com

Nº	Code	Description	k (N/mm)	X (mm)	Y (mm)	F (Kg)	s (mm)	% MAX
1	20465	V-SH 95 Blanco + Kit	19,00	0,00	0,00	80,00	41,52	84,21
2	20465	V-SH 95 Blanco + Kit	19,00	0,00	0,00	80,00	41,52	84,21
3	20398	V-SH-123 BLACK+Kit	24,60	0,00	0,00	120,00	48,10	97,56
4	20398	V-SH-123 BLACK+Kit	24,60	0,00	0,00	120,00	48,10	97,56

Rotation OX: 0,00000 °
Rotation OY: 0,00000 °
Deflection of CDG: 45,23 mm
Extreme deflection ratio: 86,32 %
Natural Frequency: 2,38 Hz
Number of Supports: 4
Mox: 0,00 Nm
Moy: 0,00 Nm
Minimum Speed (rpm): 0,00 rpm
Maximum Speed (rpm): 0,00 rpm

Frequency	Isolation	D
0,5 Hz	-4,62 %	-0,39 dB
8,5 Hz	91,49 %	21,40 dB
16,5 Hz	97,88 %	33,45 dB
24,5 Hz	99,05 %	40,42 dB
32,5 Hz	99,46 %	45,36 dB
40,5 Hz	99,65 %	49,20 dB
48,5 Hz	99,76 %	52,34 dB
56,5 Hz	99,82 %	55,00 dB
64,5 Hz	99,86 %	57,30 dB
72,5 Hz	99,89 %	59,34 dB
80,5 Hz	99,91 %	61,16 dB
88,5 Hz	99,93 %	62,80 dB
96,5 Hz	99,94 %	64,31 dB
104,5 Hz	99,95 %	65,69 dB
112,5 Hz	99,96 %	66,97 dB
120,5 Hz	99,96 %	68,16 dB



Isolation % for the order 1,00 at 1.000,00 rpm 97,92 %

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