

Custom Enclosure Design

by Kevin Garrett 150-35-8 cylinder 70 liters vented box

JBL

Loudspeaker Parameters

--General Information--

Company: NOEMA

Model: 150

Note/SN:

--Mechanical Parameters--

Fs = 41,0 hertz

Qms = 10,000

Vas = 131,00 liters

Cms = 0,330 mm/N

Mms = 46,000 grams

Rms = 1,176 kg/sec

Xmax = 4,500 mm

Sd = 530,9 sq.cm

Dia = 26,0 cm

--Electrical Parameters--

Qes = 0,400

Re = 6,6 ohms

Le = 0,3 mH

Z = 8,0 ohms

BL = 14,0 N/A

Pe = 300,0 watts

--Combination Parameters--

Qts = 0,390

η_0 = 3,949%

Sens = 99,00 dB (2.83 V)

--Multiple Drivers--

Number = 1

Single

Wiring: single

NetZ =

NetRe =

NetSens =

Box Parameters

Custom Vented Box

Vb = 70,00 liters

Fb = 43,9 hertz

F3 = 51,5 hertz

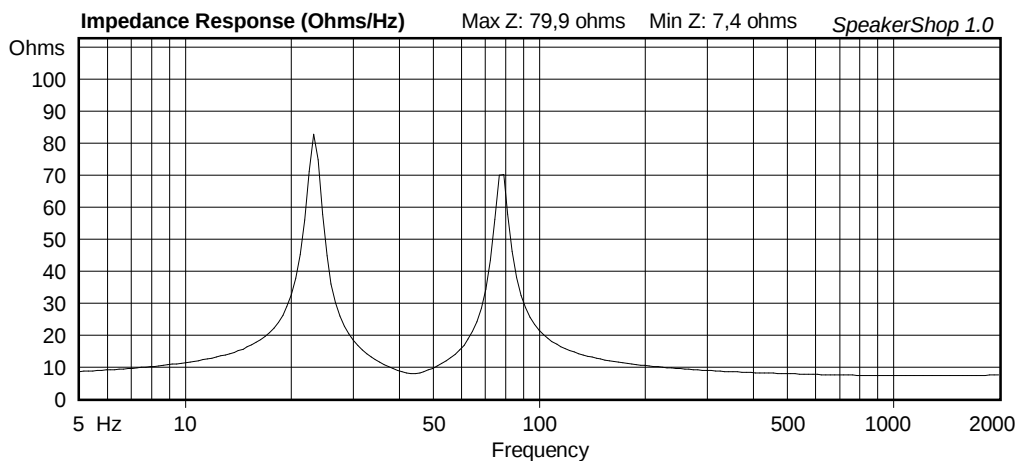
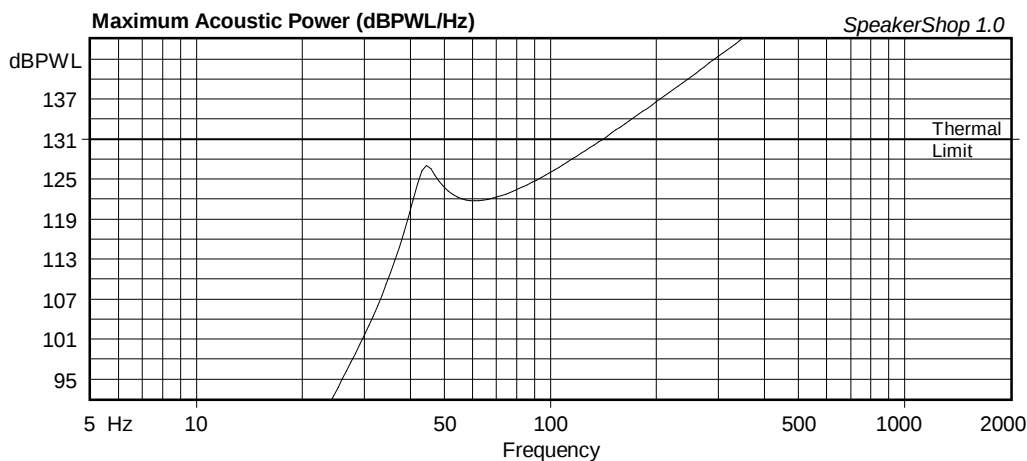
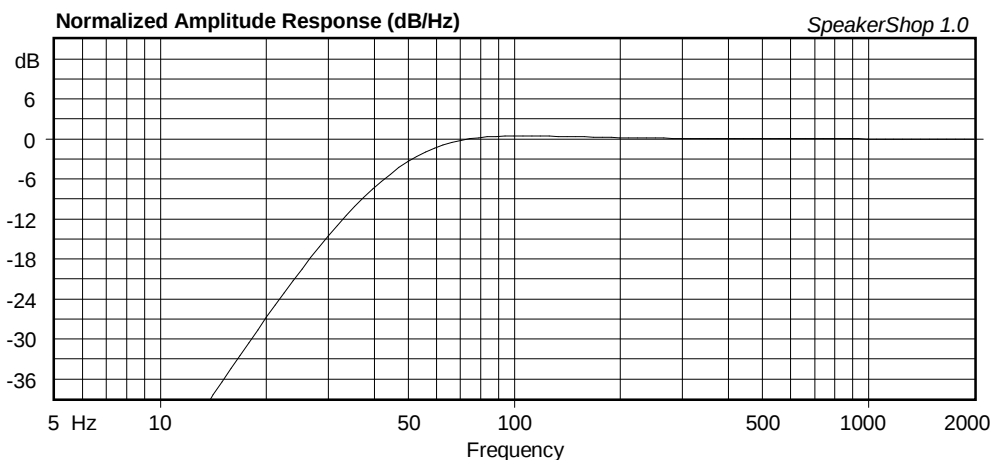
QL = 7,0

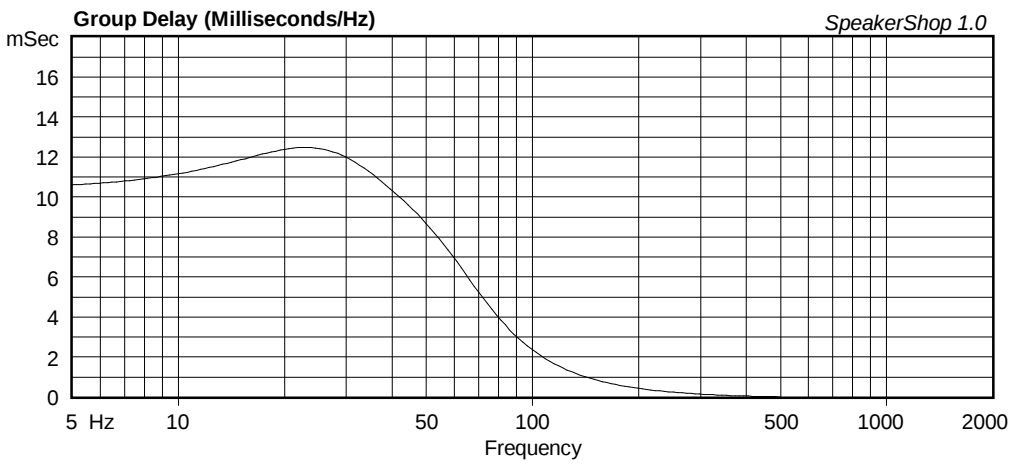
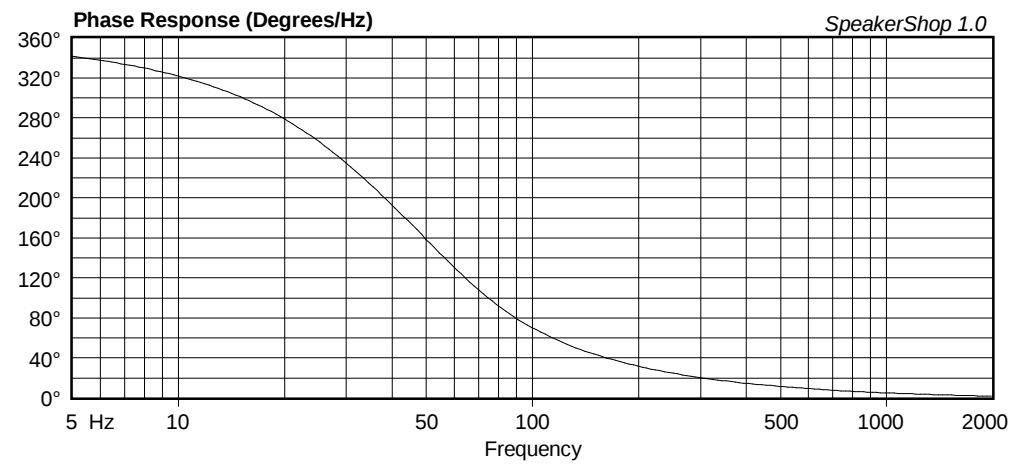
Fill = minimal

Ports = 1

Dv = 10,40 cm

Lv = 8,89 cm





Internal Box Dimensions

Caution: The box volume (Vbox) which results from the following dimensions does not equal the volume (Vb or Vc) required for this design.

Vbox = 69,12 liters

--cilynder 70lit--
Vol = 69,12 liters
Shape: Cylinder(s)
h = 55,00 cm
d = 40,00 cm
no = 1

