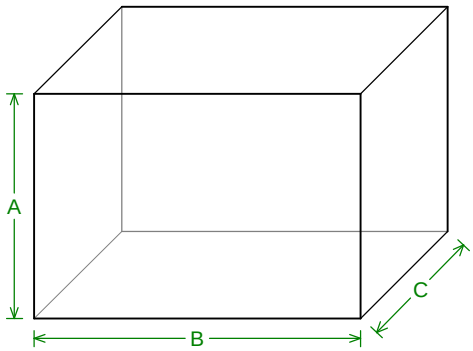
Custom Closed Box Design

Box Properties

--Description--
Name:
Type: Closed Box
Shape: Prism, square
--Box Parameters--
Vb = 66,48 liters
V(total) = 67,83 liters
Qtc = 0,707
F3 = 90,15 Hz
Fill = none

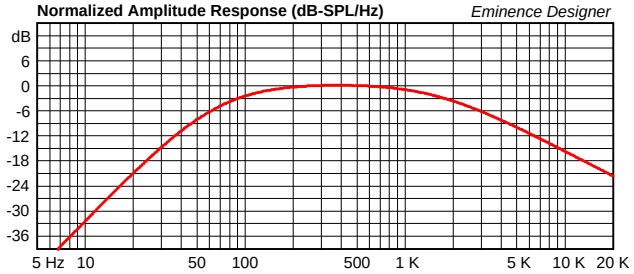


--External Dimensions--
A = 430, mm
B = 625, mm
C = 315, mm
--Internal Dimensions--
A = 400, mm
B = 595, mm
C = 285, mm
--Wall Thickness--
Front = 15, mm
Side = 15, mm

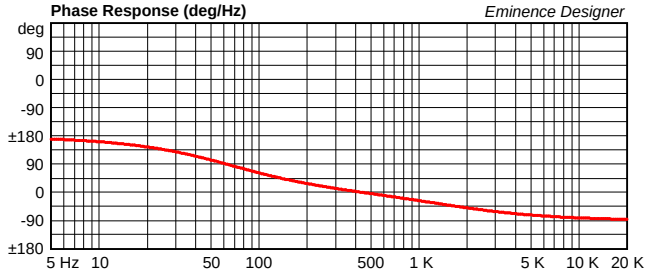
Driver Properties

--Description--
Name: Jensen Neodym 12/100 8 Ohm
Type: Standard one-way driver
Company: Jensen
Piston: Paper cone.
Suspension: Cloth surround.
Dust Cap: Solid composition paper dust cap.
Frame: Pressed steel basket.
Voice Coil: 2 inch (50.8 mm) coated copper. Kapton former.
Magnet: 34 oz ferrite magnet.
--Configuration--
No. of Drivers = 1
--Mechanical Parameters--
Fs = 91,9 Hz
Qms = 16,49
Vas = 31,7 liters
Cms = 94, mm/N
Mms = 32, g
Rms = 0,00112 kg/s
Xmax = 1, mm
Xmech = 17,91 mm
P-Dia = 44,29 mm
Sd = 490,9 sq.cm
P-Vd = 0,042 liters
--Electrical Parameters--
Qes = 0,63
Re = 6,81 ohms
Le = 0,65 mH
Z = 8, ohms
BL = 12,5 Tm
Pe = 100, watts
--Electromech. Parameters--
Qts = 0,61
no = 3,74 %
1-W SPL = 95,8 dB
2.83-V SPL = 96,5 dB

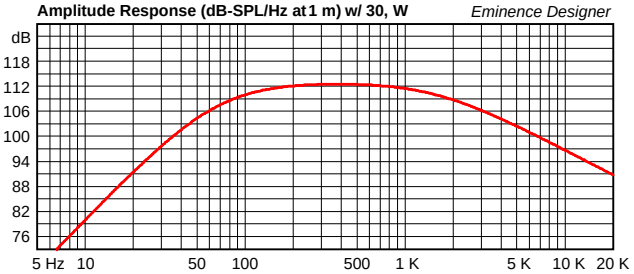
Normalized Amplitude Response (dB-SPL/Hz) *Eminence Designer*



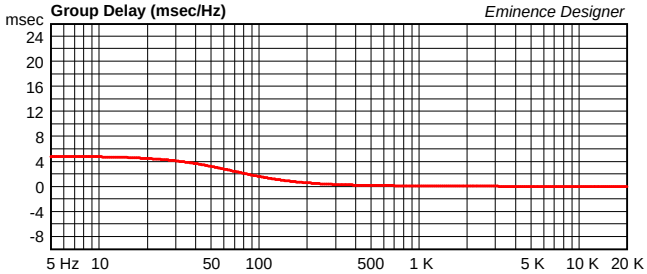
Phase Response (deg/Hz) *Eminence Designer*



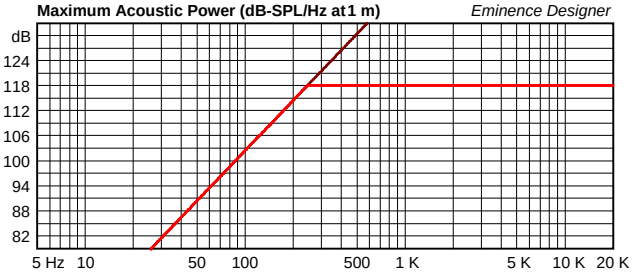
Amplitude Response (dB-SPL/Hz at 1 m) w/ 30, W *Eminence Designer*



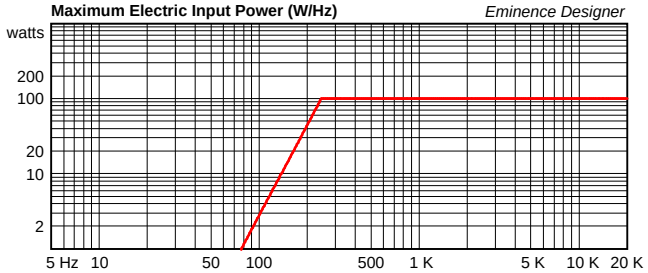
Group Delay (msec/Hz) *Eminence Designer*



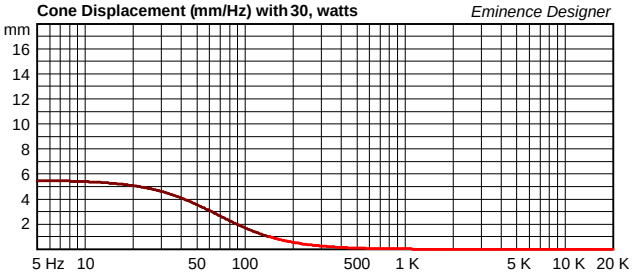
Maximum Acoustic Power (dB-SPL/Hz at 1 m) *Eminence Designer*



Maximum Electric Input Power (W/Hz) *Eminence Designer*



Cone Displacement (mm/Hz) with 30, watts *Eminence Designer*



System Impedance (ohms/Hz) *Eminence Designer*

