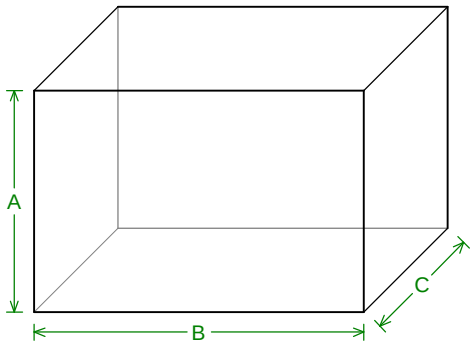
Custom Closed Box Design

Box Properties

--Description--
Name:
Type: Closed Box
Shape: Prism, square
--Box Parameters--
Vb = 49,63 liters
V(total) = 53,31 liters
Qtc = 0,81
QL = 20,
F3 = 114,1 Hz
Fill = normal

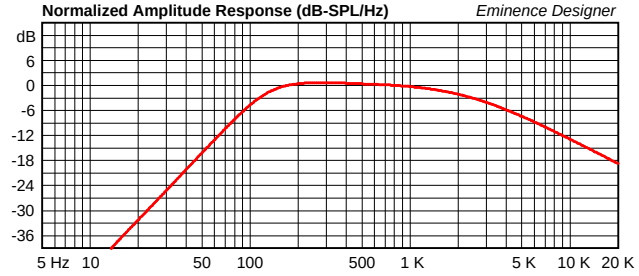


--External Dimensions--
A = 400, mm
B = 595, mm
C = 285, mm
--Internal Dimensions--
A = 370, mm
B = 565, mm
C = 255, mm
--Wall Thickness--
Front = 15, mm
Side = 15, mm

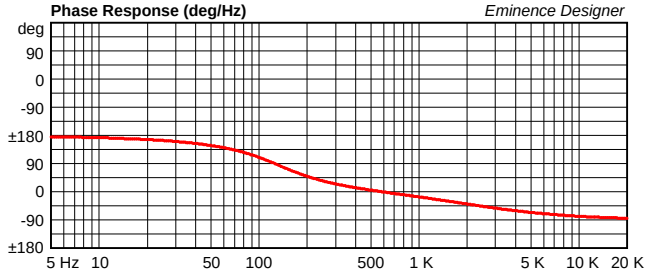
Driver Properties

--Description--
Name: Red Fang
Type: Standard one-way driver
Company: Eminence Speaker LLC
Comment: Red Coat series
Piston: Paper cone.
Suspension: Treated paper surround.
Dust Cap: Zurette dust cap.
Frame: Stamped steel basket.
Voice Coil: 1.75 inch (44.5 mm) copper coil. Nomex former.
Magnet: 35 oz Alnico magnet.
--Configuration--
No. of Drivers = 1
--Mechanical Parameters--
Fs = 97,2 Hz
Qms = 13,39
Vas = 39,4 liters
Cms = 0,103 mm/N
Mms = 26,1 g
Rms = 1,189 kg/s
Xmax = 0,47 mm
Sd = 519,5 sq.cm
P-Vd = 0,0244 liters
--Electrical Parameters--
Qes = 0,74
Re = 5,72 ohms
Le = 0,39 mH
Z = 8, ohms
BL = 11,08 Tm
Pe = 30, watts
--Electromech. Parameters--
Qts = 0,7
no = 4,72 %
1-W SPL = 103, dB

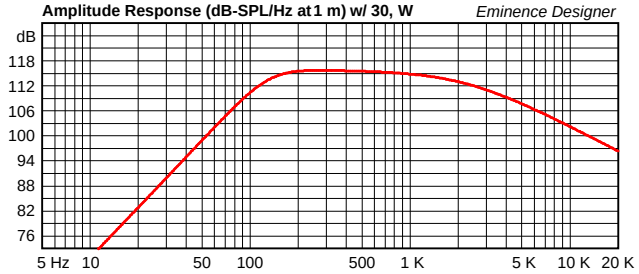
Normalized Amplitude Response (dB-SPL/Hz) *Eminence Designer*



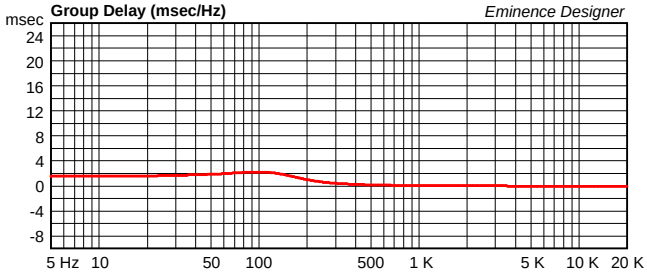
Phase Response (deg/Hz) *Eminence Designer*



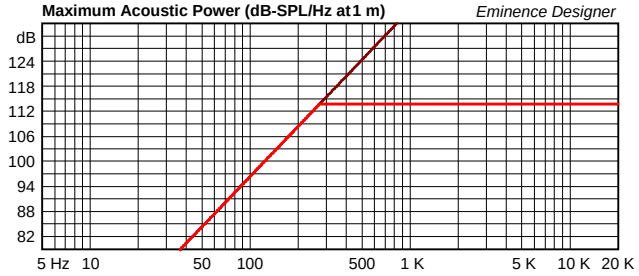
Amplitude Response (dB-SPL/Hz at 1 m) w/ 30, W *Eminence Designer*



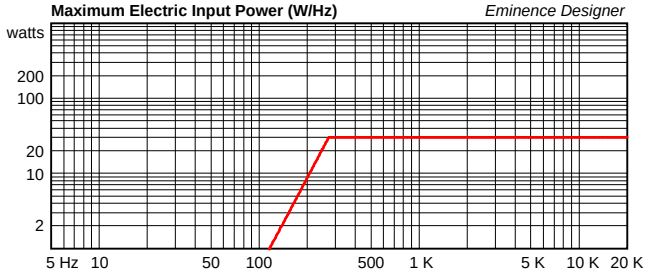
Group Delay (msec/Hz) *Eminence Designer*



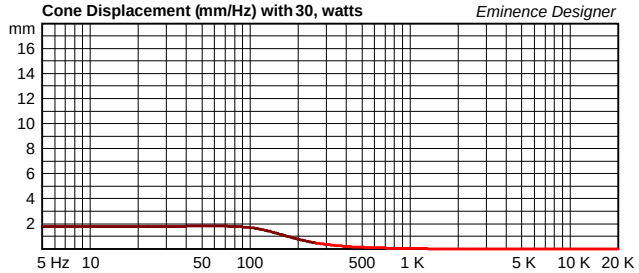
Maximum Acoustic Power (dB-SPL/Hz at 1 m) *Eminence Designer*



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



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



System Impedance (ohms/Hz) *Eminence Designer*

