



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.316 cu.ft

V(total) = 2.506 cu.ft

Fb = 38.4 Hz

QL = 6.717

F3 = 62.86 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 4 in

Lv = 7.311 in

Driver Properties

--Description--

Name: Magnum 12 woofer

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 41.9 Hz

Qms = 13.09

Vas = 68.9 liters

Cms = 0.179 mm/N

Mms = 80.42 g

Rms = 1.617 kg/s

Xmax = 9.15 mm

Xmech = 13.73 mm

P-Dia = 257.3 mm

Sd = 520 sq.cm

P-Vd = 0.476 liters

--Electrical Parameters--

Qes = 0.35

Re = 7.084 ohms

Le = 1.55 mH

Z = 8 ohms

BL = 20.7 Tm

Pe = 500 watts

--Electromech. Parameters--

Qts = 0.35

no = 1.396 %

1-W SPL = 93.5 dB

2.83-V SPL = 94.12 dB



Wiring Diagram







