



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.503 cu.ft

V(total) = 3.671 cu.ft

Fb = 20.95 Hz

QL = 6.458

F3 = 25.23 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flared

Dv = 3 in

Lv = 10.39 in

Driver Properties

--Description--

Name: Peerless XXLS-P835017

Type: Standard one-way driver

Company: Peerless

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 21.55 Hz

Qms = 10.83

Vas = 136 liters

Cms = 0.415 mm/N

Mms = 131.4 g

Rms = 1.643 kg/s

Xmax = 12.3 mm

Xmech = 18.45 mm

P-Dia = 248 mm

Sd = 483.1 sq.cm

P-Vd = 0.591 liters

--Electrical Parameters--

Qes = 0.4

Re = 2.51 ohms

Le = 0.53 mH

Z = 3.36 ohms

BL = 10.58 Tm

Pe = 120 watts

--Electromech. Parameters--

Qts = 0.39

no = 0.328 %

1-W SPL = 87.31 dB

2.83-V SPL = 88.57 dB



Wiring Diagram







