



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

### --Box Parameters--

Vb = 1.163 cu.ft

V(total) = 1.294 cu.ft

Fb = 48.28 Hz

QL = 6.968

F3 = 58.27 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = round

Vent ends = two flared

Dv = 4 in

Lv = 9.989 in

## Driver Properties

### --Description--

Name: AP170Z0

Type: Standard one-way driver

Company: Audax Industries

Piston: High definition aerogel cone.

Suspension: High loss rubber surround.

Frame: Nonresonant high impact polymer chassis.

Voice Coil: 30 mm high temp. voice coil. Aluminum former.

Magnet: 555 g magnet.

Magnetic shielding

### --Configuration--

**No. of Drivers = 2**

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

### --Mechanical Parameters--

Fs = 48.5 Hz

Qms = 1.61

Vas = 24.65 liters [49.3]

Cms = 0.996 mm/N [0.498]

Mms = 10.82 g [21.64]

Rms = 2.05 kg/s [4.1]

Xmax = 3 mm

Sd = 132.7 sq.cm [265.5]

### --Electrical Parameters--

Qes = 0.5

Re = 5.3 ohms [2.65]

Le = 0.74 mH [0.37]

Z = 6 ohms [3]

BL = 5.76 Tm [5.912]

Pe = 60 watts [120]

### --Electromech. Parameters--

Qts = 0.38

1-W SPL = 89.3 dB [92.31]



### Wiring Diagram







