



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.7 cu.ft

V(total) = 1.7 cu.ft

Qtc = 0.555

QL = 20

F3 = 50.16 Hz

Fill = heavy

Driver Properties

--Description--

Name: DCS305-4 12"

Type: Standard one-way driver

Company: Dayton Audio

--Configuration--

No. of Drivers = 1

--Mechanical Parameters--

Fs = 24.2 Hz

Qms = 5.07

Vas = 92.3 liters

Cms = 0.27 mm/N

Mms = 160 g

Rms = 4.804 kg/s

Xmax = 9.3 mm

Xmech = 13.95 mm

P-Dia = 249.9 mm

Sd = 498.8 sq.cm

P-Vd = 0.469 liters

--Electrical Parameters--

Qes = 0.43

Re = 3.3 ohms

Le = 2.06 mH

Z = 4 ohms

BL = 13.7 Tm

Pe = 250 watts

--Electromech. Parameters--

Qts = 0.4

no = 0.293 %

1-W SPL = 86.82 dB

2.83-V SPL = 90.5 dB



Wiring Diagram







