



831916 WOOFER/MID 6½"

Unique polypropylene one piece cone with rubber roll surround. An excellent general purpose mid-woofer with extra heavy duty magnet designed for 2 or 3 way bass reflex enclosures, with single or multiple drivers. Steel basket. Large diameter aluminium voice coil for high long term power. Inverted dust cap.

An efficient smooth performer with modern styling and at a cost effective price.

Peerless Recommend: "F(ratio) for this driver is 98, and the driver is very suitable for vented boxes.

25 ltr box. 1 port. Diameter 70 mm. Length 120 mm. Tuning freq 50 Hz. Response, - 3 dB appr at 48Hz.

25 ltr box. 1 port. Diameter 55 mm. Length 70 mm. Tuning freq 50 Hz. Response, - 3 dB appr at 48Hz.

15 ltr box. 1 port. Diameter 70 mm. Length 40 mm. Tuning freq 55 Hz. Response, - 3 dB appr at 55Hz.

15 ltr box. 1 port. Diameter 55 mm. Length 110 mm. Tuning freq 55 Hz. Response, - 3 dB appr at 55Hz.

The driver can also be used into parallel configurations for larger boxes.

Cross-over freq from 1500 and up to 4000 Hz is recommendable for this model."

P/No. 176 WR 26 90 CD

Pwr 150Wrms (20Hz-5KHz)

Coil 26mmØ

Mag ½Kg (1.2T) 90mmØ

Zo 32.3 ohm (6.25 ohm dc)

Fs 53.00Hz

Sens' 88.48dBm

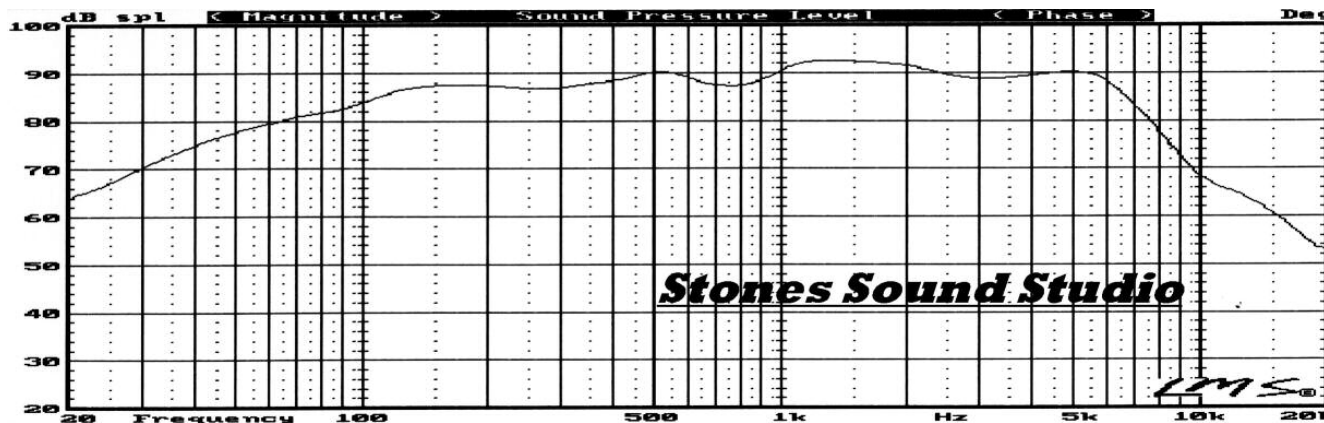
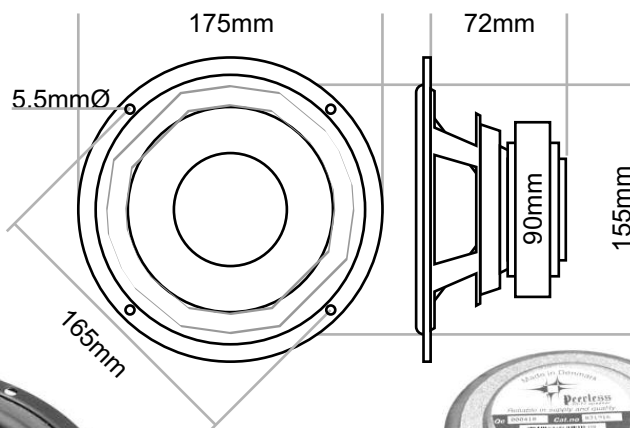
Qms 2.3952

Qes 0.5753

Qts 0.4639

Vas 17.68L

Code 831916



Speakers Of
Cutting Edge Technology

Stones Sound Studio

* LMS Version 3.7.0 Date=Jul 17 2000 Time=Mon 7:53PM

* Speaker Parameter Measurement Data (SPM)

Method: Delta Mass Curve Pair

Free Air Curve Num= 1 Name=831916 165mm f/a
Delta Mass Curve Num= 2 Name=831916 165+12.7g

*Industrial cast
chassis*

Mass Added to Cone= 12.70 Gram

----- Electrical/Mechanical Parameters -----			
Revc (DC VC Res) =	6.2500 Ohm	Qms (Mech Q) =	2.3952
Fo (Res Freq) =	53.0048 Hz	Qes (Elec Q) =	0.5753
Zo (Zmax at Fo) =	32.2734 Ohm	Qts (Total Q) =	0.4639
Sd (Piston Area)=	0.0137 sqM	Vas (Acous Vol) =	17.6891 Litr
BL (Flux*Length)=	7.0033 TM	Cms (Compliance)=	665.1467 uM/N
no (Ref Effncy) =	0.4428 %	Mms (Total Mass)=	13.5548 Gram
PLo (SPL at 1W) =	88.4803 dB	Mmd (DiaphmMass)=	12.6343 Gram

----- Motor Impedance Parameters -----			
Lvc (Induc at 1kHz) =	0.7016 mH	Rem (Res at 1kHz) =	1.9390 Ohm
Lvc (Induc at 20kHz) =	0.2098 mH	Rem (Res at 20kHz) =	18.6628 Ohm
Krm (Resistance Cons) =	2.6103 mOhm	Erm (Resis Exponent) =	0.7559
Kxm (Reactance Cons) =	23.7900 mH	Exm (React Exponent) =	0.5971

Round, poly cone Jaws.

Inverted dust cover with rubber surround

*A spread between samples slight variation
in R_{oc} at 6.25/6.22. pressed metal
frame. Deep bass from extended bass shelf
response*

Shielded for AV applications monitors etc

*Excellent performance for the size of this speaker in
small vented enclosure*

