

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.

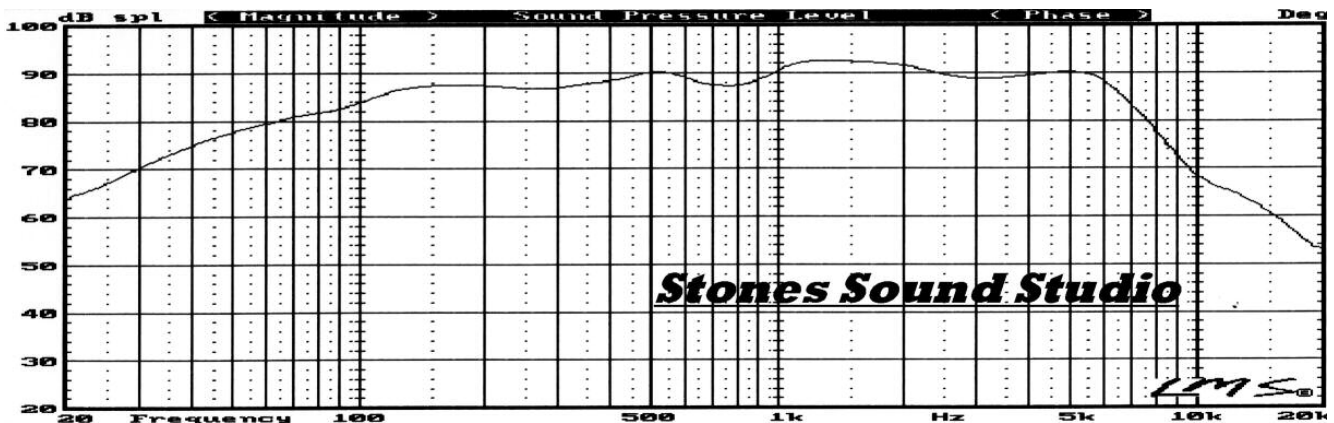
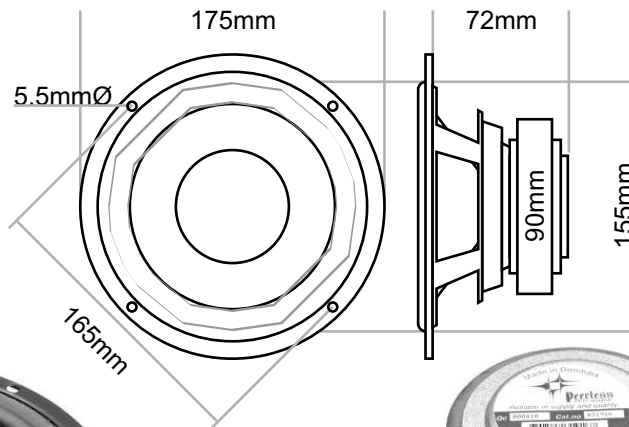
15 ltr box. 1 port. Diameter 70 mm. Length 40 mm. Tuning freq 55 Hz. Response, - 3 dB appr at 55Hz.

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



Stones Sound Studio

* LMS Version 3.7.0 Date=Jul 17 2008 Time=Mon 7:53 PM

* 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 7awts.
 Inverted dust cover with rubber surround
 A spread between samples slight variation
 in Rvc 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*

