

W400AII

Features

- 400mm (16in) cone type woofer
- $\varnothing 118\text{mm}$ /3.1kg larger alnico magnet
- Fine-ceramics multi-coated cone
- fo to 2.5kHz frequency response

Specifications

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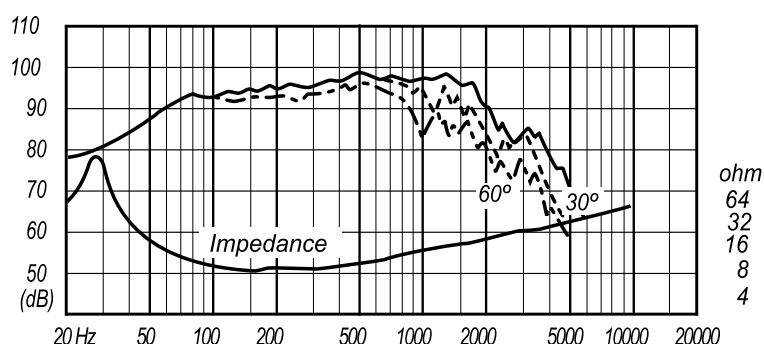
Thiele/Small Parameters

Size	:	400 mm / 16 in
Voice Coil Diameter	:	100 mm / 2.5 in
Cast / Stamped	:	Cast
Impedance	:	8 Ω
Reproduction Frequency Response	:	fs - 2.5 kHz
Sound Pressure Level	:	97 dB/W(m)
Rated Input	:	75 W
Music Power	:	200W
Magnet Material	:	Alnico
Magnet Weight	:	
(main)	:	3,100 g / 6.834 lb
(cancel)	:	n/a g / n/a lb
Net Weight	:	15,200 g / 33.51 lb

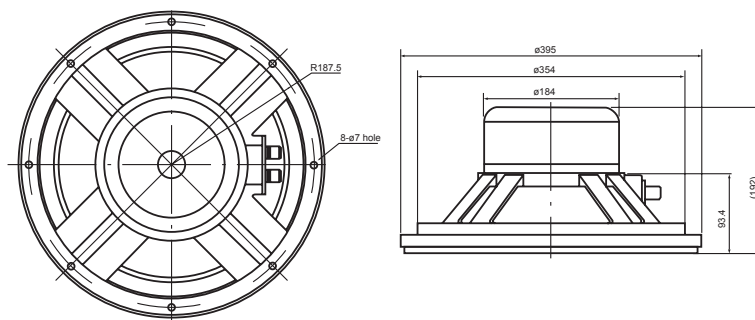
a	:	160 mm
D	:	337 mm
Sd	:	0.0892 m ²
Zn	:	8 Ω
Fs	:	25 Hz
Re	:	6.8 Ω
Le	:	0.13 mH
Qms	:	14.94
Qes	:	0.32
Qts	:	0.32
Mms	:	134.50 g
BL	:	21.19 Telsa/m
Vas	:	312.30 L
Xmax	:	7.0 mm
Eff/ $\eta 0$	:	1.46 %
Cms	:	0.028 mm/N
EBP	:	78



Frequency Response / Impedance



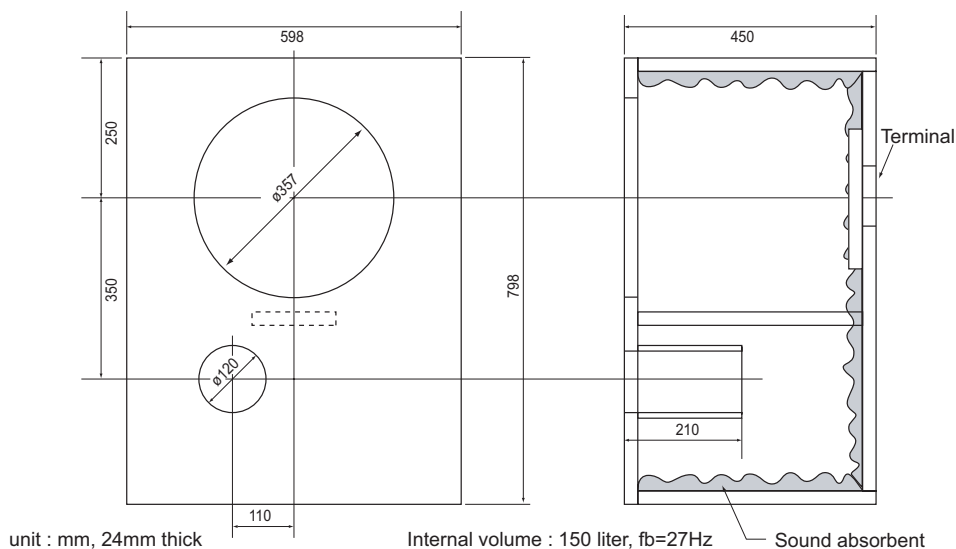
Dimensions & Mounting Information



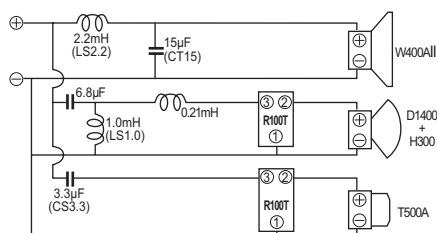
Overall Diameter	:	396 mm / 16 in
Baffle Hole Diameter	:	354 mm / 14 in
Depth	:	192 mm / 7.5 in

W400AII

Recommended Bass Reflex Type Enclosure

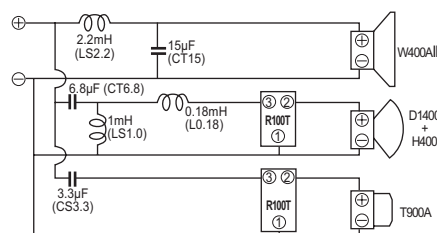


W400AII + D1400 + H300 + T500A 3-way system



This is an example for 3-way system consists in W400AII, D1400 1" horn driver with H300 radial horn and T500A super tweeter. Its crossover frequencies are 800Hz and 6kHz. Enclosure (above fig.) is bass reflex type with 150 liters internal volume.

W400AII + D1400 + H300 + T500A 3-way system



This is an another 3-way example switching the horn to H400 and super tweeter to T900A. Network's basic design is the same but crossover frequency between super tweeter and midrange is changed to 7kHz.

Recommended Bass Reflex Type Enclosure

