

FE103E

Features

- 'ES cone' paper made of banana plant's fiber
- Newly designed center cap
- Ferrite magnet



Specifications

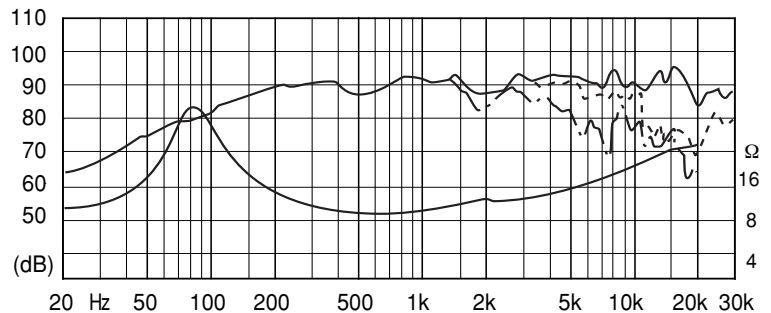
&

Thiele/Small Parameters

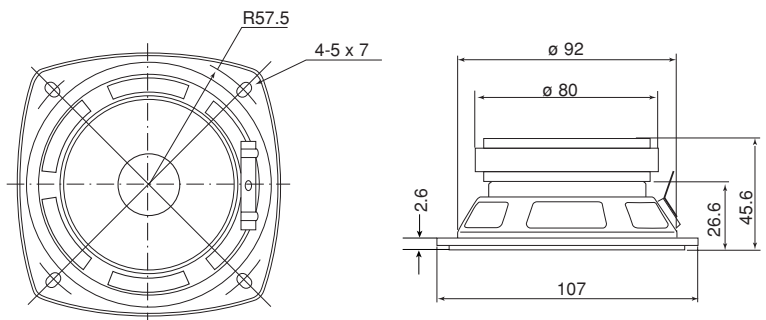
Size	:	100 mm / 4 in
Voice Coil Diameter	:	20 mm / 0.8 in
Cast / Stamped	:	Stamped
Impedance	:	8 Ω
Reproduction Frequency Response	:	fs - 22 kHz
Sound Pressure Level	:	89 dB/W(m)
Rated Input	:	5 W
Music Power	:	15 W
Magnet Material	:	Ferrite
Magnet Weight	:	
(main)	:	193 g / 0.425 lb
(cancel)	:	g / lb
Net Weight	:	630 g / 1.389 lb

a	:	40 mm
D	:	80 mm
Sd	:	0.005 m ²
Zn	:	8 Ω
Fs	:	79.5 Hz
Re	:	7.45 Ω
Le	:	mH
Qms	:	2.87
Qes	:	0.40
Qts	:	0.36
Mms	:	2.10 g
BL	:	4.42 Telsa/m
Vas	:	6.90 L
Xmax	:	0.35 mm
Eff/η0	:	0.83 %
Cms	:	0.0019 mm/N
EBP	:	198.75

Frequency Response / Impedance



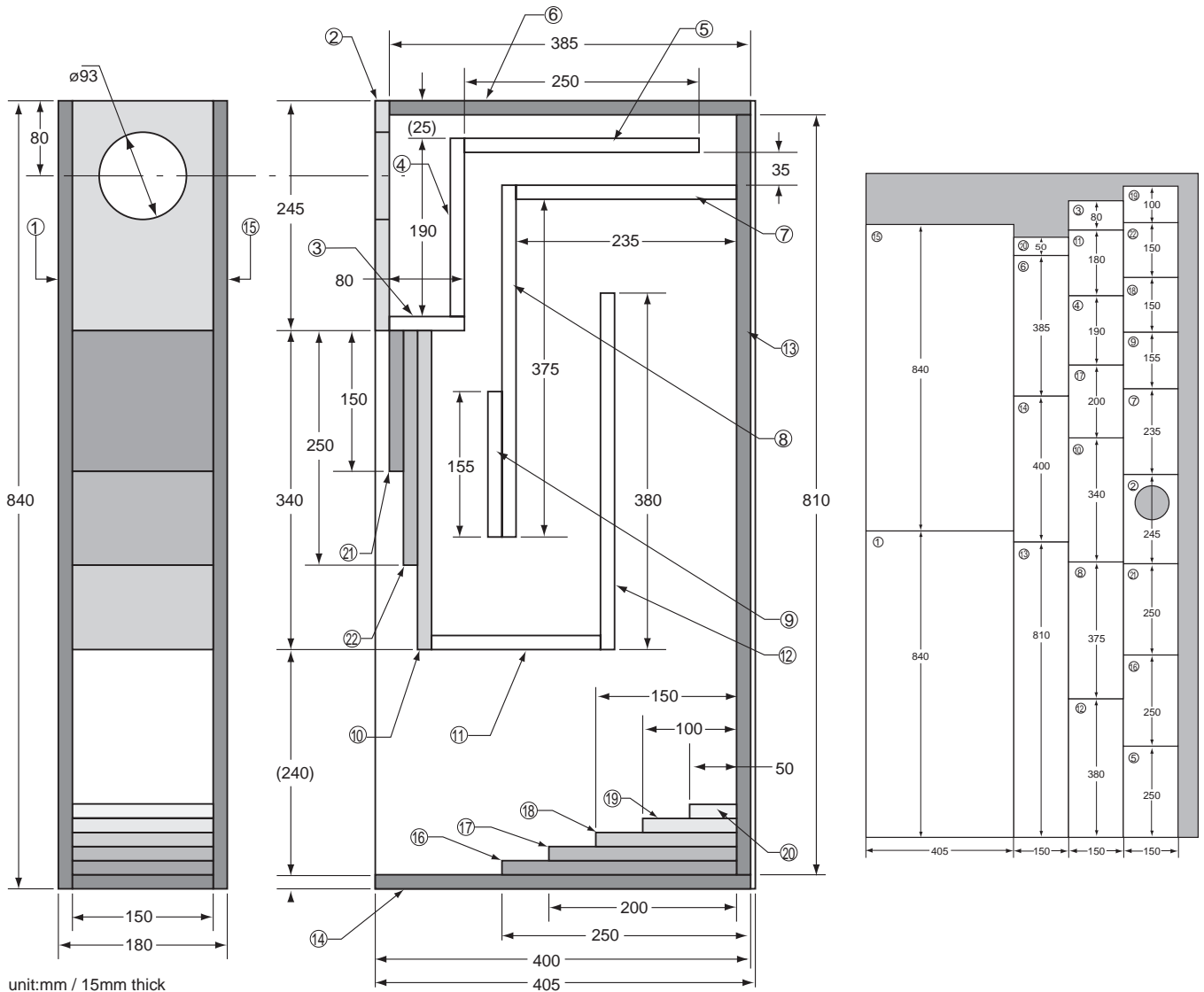
Dimensions & Mounting Information



Overall Diameter	:	107 mm / 4.2 in
Baffle Hole Diameter	:	92 mm / 3.6 in
Depth	:	45.6 mm / 1.8 in

FE103E

Recommended Back Loaded Horn Type Enclosure



- Shown is an example of an FE103E back loaded horn type enclosure.
- The horn length is designed a little longer to 2m, and cutoff frequency set at 50Hz for extended low frequency reproduction.

Recommended Standard Bass Reflex Type Enclosure

Example of FE103E standard bass reflex type enclosure. Internal volume is 6 liters tuned to 95 Hz (Fb).

