



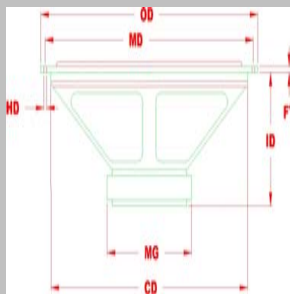
Specification

Cone	HEMPMatrix™
Motor/Magnet	Ferrite
Surround	Pre-treated half roll cloth edge
Basket	Powder coated steel
High Frequency	Coupled dust cap
Voice Coil	19mm 8 ohm Nomex
Frequency Range	60 to 20,000 Hz
Sensitivity	92.5 dB SPL at 2.83V1m (3.3 ft)
Rated power	25 watts
Program power	50 watts
Net Weight	.720kg (1.5 lb)
Magnet Weight	285 gr/10oz

Thiele & Small Parameters

Nominal Impedance	8 ohms
Resonant Frequency (fs)	70 hz
DC Resistance (Re)	6.7
Mechanical Q (Qms)	2.717
Electromagnetic Q (Qes)	0.54
Total Q (Qts)	0.44
Compliance Equivalent Volume (Vas)	10.89 liters
Diaphragm mass & air load (Mms)	2.39 gr
Linear Xmax (Xmax)	0.59 mm

Mounting Information * Square frame

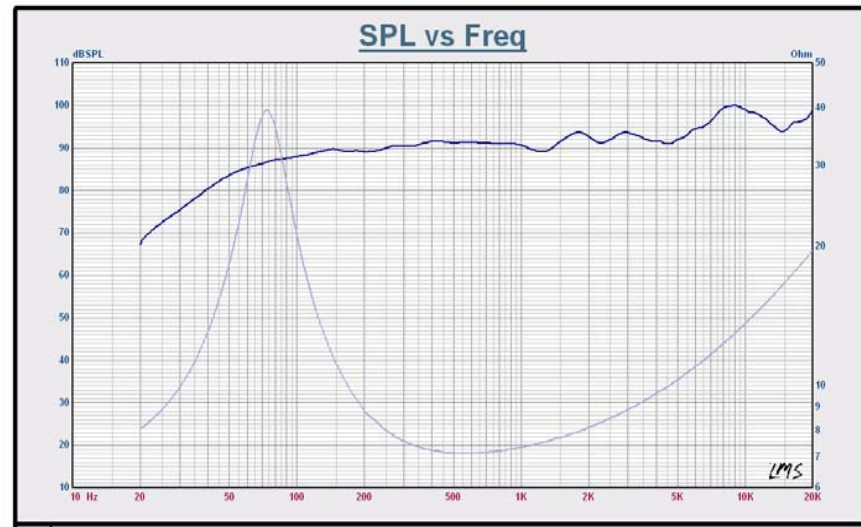


ID	Description	mm
OD	Outside Diameter	117/142*
CD	Cutout Diameter	100
MG	Magnet Diameter	90
HD	Hole Diameter	104
MD	Mounting Diameter	130*
ID	Internal Depth	55
FT	Flange Thickness	2



Hemp Acoustics FR4.5C

Recommended for Hi-Fi and professional audio as a full-range, or a wideband mid-bass. Best suited for bass reflex, transmission line, rear loaded horns and sealed enclosures.



(tested in IEC 60268-5 Type A enclosure)