



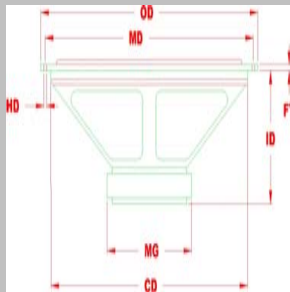
Specification

Cone	HEMPMatrix™
Motor/Magnet	Ferrite
Surround	Pre-treated accordion cloth edge
Basket	Round Die Cast Aluminum
High Frequency	Dual Cone
Voice Coil	1.0", 8 ohm Kraft/Nomex
Frequency Range	45 to 20,000 Hz
Sensitivity	93 dB SPL at 2.83V/1m (3.3 ft)
Rated power	45 watts
Program power	90 watts
Net Weight	1.5kg (3.30 lb)
Magnet Weight	566gr/20oz

Thiele & Small Parameters

Nominal Impedance	8 ohms
Resonant Frequency (fs)	50hz
DC Resistance (Re)	7.3
Mechanical Q (Qms)	6.029
Electromagnetic Q (Qes)	0.478
Total Q (Qts)	0.44
Compliance Equivalent Volume (Vas)	45.3 liters
Diaphragm mass & air load (Mms)	5.5gr
Linear Xmax (Xmax)	1.5mm

Mounting Information

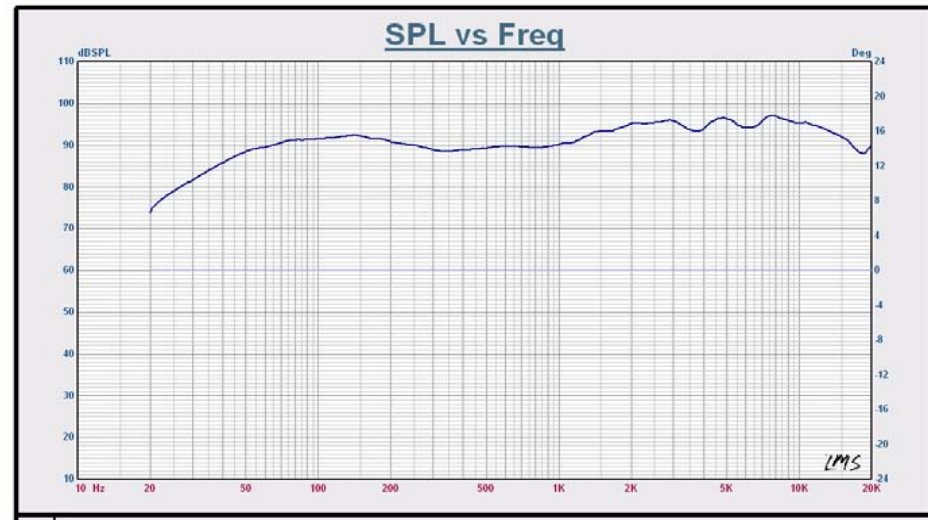


ID	Description	mm
OD	Outside Diameter	180
CD	Cutout Diameter	144
MG	Magnet Diameter	80
HD	Hole Diameter	5
MD	Mounting Diameter	170
ID	Internal Depth	65
FT	Flange Thickness	4



Hemp Acoustics FR6.5C

Recommended for Hi-Fi and professional audio as a full-range. Best suited for bass reflex, open baffle, or transmission line enclosures.



(tested in IEC 60268-5 Type A enclosure)