



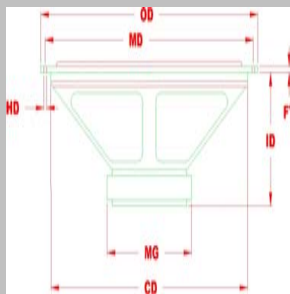
Specification

Cone	HEMPMatrix 百™
Motor/Magnet	Ferrite
Surround	Pre-treated accordion cloth edge
Basket	Round Die Cast Aluminum
High Frequency	2.0" Concentric tapered horn
Dispersion	90°
Voice Coil Hi	2.0", 8 ohm Kraft/Nomex
Voice Coil Low	4.0 " CCA Nomex
Frequency Range	50 to 20,000 Hz
Sensitivity	101 dB SPL at 1w/1m (3.3 ft)
Rated power	500 watts
Program power	1000 watts
Net Weight	15.5kg (34 lb)
Magnet Weight	NA

Thiele & Small Parameters

Nominal Impedance	8 ohms
Resonant Frequency (fs)	50hz
DC Resistance (Re)	6.0
Mechanical Q (Qms)	3.715
Electromagnetic Q (Qes)	0.56
Total Q (Qts)	0.49
Compliance Equivalent Volume (Vas)	55.5 liters
Diaphragm mass & air load (Mms)	NA
Linear Xmax (Xmax)	7.86mm

Mounting Information

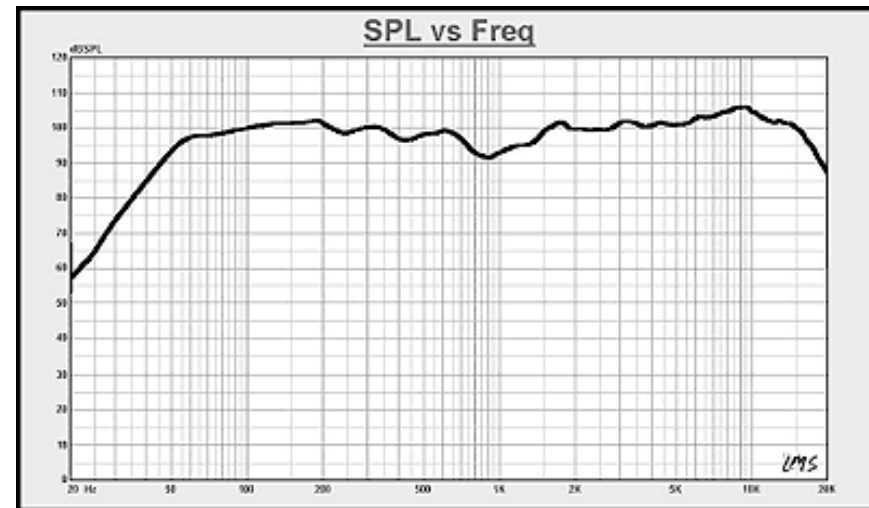


ID	Description	m m
OD	Outside Diameter	308
CD	Cutout Diameter	279
MG	Magnet Diameter	n/a
HD	Hole Diameter	7
MD	Mounting Diameter	296
ID	Internal Depth	201
FT	Flange Thickness	15



Hemp Acoustics CO12V

Recommended for Hi-Fi and professional audio as a point source mid-bass/tweeter. Best suited for bass reflex, transmission line, horn, and sealed enclosures.



(tested in IEC 60268-5 Type A enclosure)