

15C262

Coaxial Transducer

Coaxial series



Features:

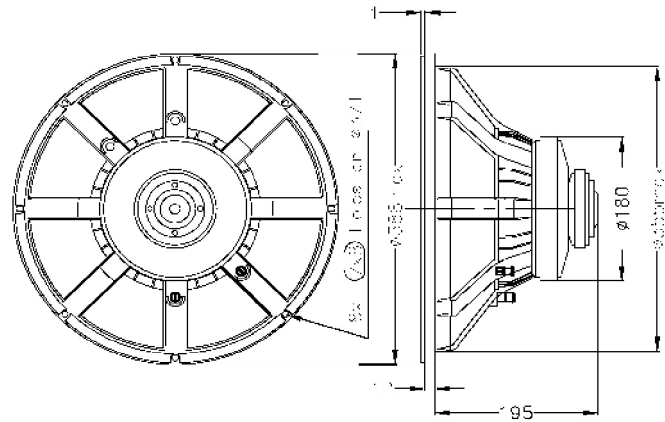
- 98dB sensitivity 1W/1m
- 400 W + 60 W Power handling
- 3" copper sandwich voice coil
- Single point source providing coherent wave front
- Optimal for compact two-way systems

SPECIFICATIONS

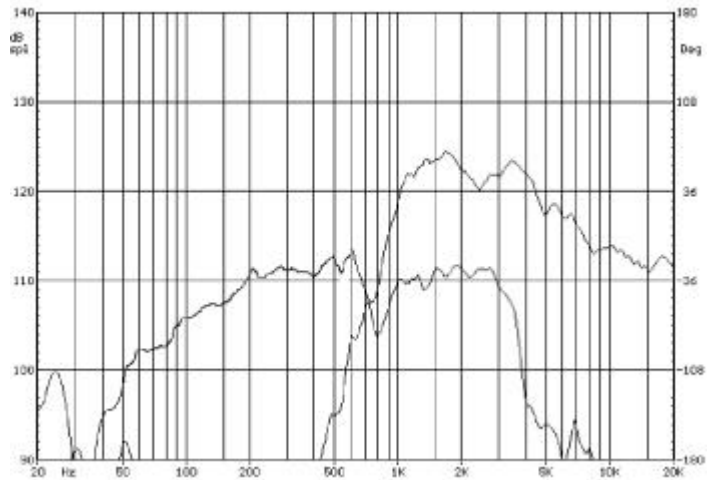
APPLICATION	Transducer	
Nominal impedance	Ohm	8
Power handling AES noise	W	400
Sensitivity (1W/1m)	dB	98
Frequency response	Hz	40 - 2500
Voice coil diameter	mm	77 (3")
Voice coil material		Cu
Voice coil winding depth	mm	17
Basket		Cast Aluminium
Effect. diaphragm diameter D	mm	335

THILE - SMALL PARAMETERS			
Resonance frequency	Fs	Hz	40.0
DC resistance	Re	Ohm	5.90
Mechanical Q factor	Qms		4.64
Electrical Q factor	Qes		0.33
Total Quality factor	Qts		0.30
Equivalent volume	Vas	L	155.8
Moving mass	Mms	kg	0.99
Mechanical compliance	Cms	mm/N	0.160
BL factor	BL	Tesla/ m	20.50
Effective piston area	Sd	m ²	0.0834
Max. linear excursion	Xmax	mm	± 4

SPECIFICATIONS HIGH FREQUENCY		
Nominal impedance	Ohm	8
Power handling AES	W	60
Peak Power	W	300
Sensitivity (1W/1m)	dB	112
Frequency range	Hz	1200 - 20000
Recommended crossover	Hz	1800
Voice coil diameter	mm	38 (1.5")
Magnet material		Ceramic
Flux density	T	1.9
Voice coil material		Copper Clad Aluminium
Voice coil former		Kapton™
Basket		Cast Aluminium
Diaphragm material		Polyester



Frequency response, 10 W @ 1m incl. 2nd and 3rd harmonic distortion raised 20dB.



MOUNTING INFORMATION		
Overall diameter	mm	388
Mounting holes diameter	mm	7 x 8
Bolt circle diameter	mm	371
Baffle cut-out diameter	mm	358
Overall depth	mm	211
Net weight	kg	7.6