

10S302

Ultra-Low Distortion Low Midrange Driver



Features:

- 96dB sensitivity 1W/1m
- 400W Power handling
- 2.5" Copper sandwich voice coil for low power compression
- Double treated cone for water protection
- Triple aluminum demodulating rings for ultra-low distortion
- Optimal for compact 2-way systems
- Light weight carbon fibre diaphragm

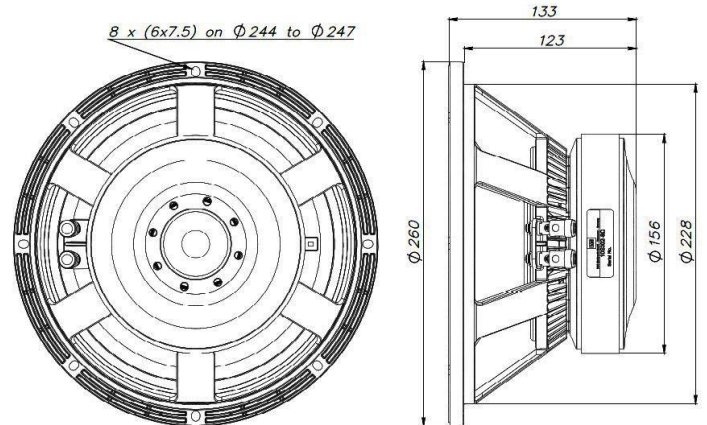
SPECIFICATIONS

APPLICATION	Compact 2-way	
Nominal impedance	Ohm	8
Power handling AES noise	W	400
Sensitivity (1W / 1m)	dB	96
Frequency response	Hz	60-3000
Voice Coil Diameter	mm	65(2.5")
Voice Coil Material		Cu
Voice Coil Winding Depth	mm	19
Magnet Gap Depth	mm	8
Basket		Cast Aluminum
Effect. Diaphragm Diameter D	mm	212

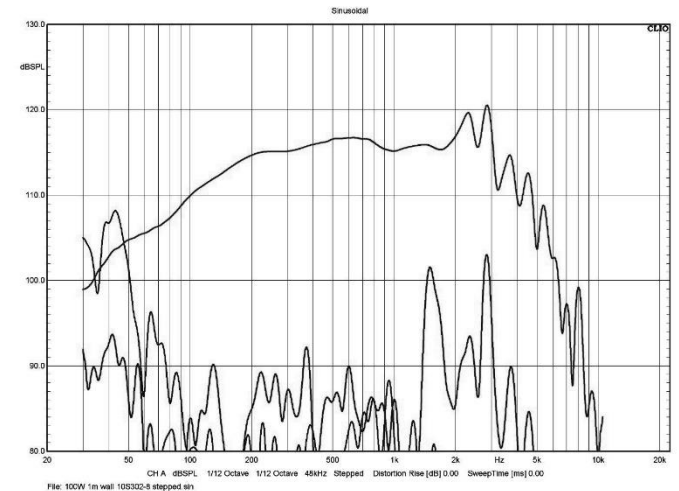
THIELE-SMALL PARAMETERS			
Resonance Frequency	Fs	Hz	60
DC Resistance	Re	Ohm	5.8
Mechanical Q Factor	Qms		5.5
Electrical Q Factor	Qes		0.35
Total Quality Factor	Qts		0.33
Equivalent Volume	Vas	L	30
Moving Mass	Mms	kg	0.042
Mechanical Compliance	Cms	mm / N	0.17
BL Factor	BL	Tesla m	16.2
Effective Piston Area	Sd	m ²	0.0353
Max. Linear Excursion	Xmax	mm	± 5.5
Voice Coil Inductance	Le1k	mH	0.67
	Le10k	mH	0.42

MOUNTING INFORMATION		
Overall Diameter	mm	ø260
Mounting Holes Diameter	mm	8 x (6 x 7.5)
Bolt Circle Diameter	mm	From ø244 up to ø247
Baffle cut-out Diameter	mm	Ø230
Overall Depth	mm	133
Net weight	Kg	4.95

Recommended reflex enclosure:
20L/60Hz BRD=80mm/150mm long



Frequency response measured 100W (28.3V) at 1 m on a standard baffle in an anechoic chamber incl. 2nd and 3rd harmonic distortion raised 10 db.



Impedance – 8 Ohms driver

