

Nominal Diameter	17 cm / 6.5 "
Rated Impedance	8
Reference efficiency (1W @ 1m)	94 dB SPL
Power Handling Capacity	150 W AES
SPL max (continuous)	112 dB SPL
Usable frequency range	300 - 5000 Hz
Speaker net mass	2.15 kg

Architecture highlights :

- Midrange unit with critical damping diaphragm
- Ultra light vented CCAR voice coil
- Natural convection Intercooler System
- High efficiency ferrofluid cooled ferrite magnet system



Motor architecture			
Voice coil diameter	mm		38
Voice coil length	mm		10.3
Air gap height	mm		6

Typical characteristics			
Rated impedance	Z	Ω	8
Half space sensitivity (1W@1m)	-	dB SPL	94
Usable freq. range	-	Hz	300 - 5000
Power handling capacity (AES)	-	W	150
Max Sound Pressure Level	SPL _{max}	dB SPL	112
Min. impedance modulus	Z _{min}	Ω @Hz	6.8@650
Voice-coil inductance @ 1kHz	Le _{1k}	mH	0.737
Voice-coil inductance @ 10kHz	Le _{10k}	mH	0.304
BL product	BL	N/A	10.4
Moving mass	Mms	kg	0.012

Thiele-Small parameters			
Resonance frequency	Fs	Hz	120 (± 25)
DC Resistance	Re	Ω	5.9 (± 0.6)
Mechanical quality factor	Qms		6.03
Electrical quality factor	Qes		0.49
Total quality factor	Qts		0.46
Suspension compliance	Cms	10^{-6} .m/N	150
Effective piston area	Sd	m ²	0.0150
Equivalent Cas air load	Vas	m ³	0.0046
Max linear excursion	Xmax	mm	± 2.0
Linear displacement volume	Vd	10^{-3} .m ³	0.0299
Reference efficiency	η_0	%	1.5
Unity load volume	Vas.Qts ²	10^{-3} .m ³	1.0

Absolute maximum ratings			
Short term max. input voltage	Vmax	V	70
Max.excursion before damage	Xdam	mm	4.0
Ambient operating temperature	Ta	$^{\circ}$ C	-10 to +50
Storage temperature		$^{\circ}$ C	-20 to +70
Environmental withstanding			humidityproof

Mounting information		
Air volume occupied by the driver	10^{-3} .m ³	0.46
Speaker net mass	kg	2.15
Baffle cut-out diameter (front mounting)	mm	146.0
Bolt number & Metric diameter	-	4x M5
Bolt circle diameter	mm	172.0
Max overall dimension (on ears)	mm	187.5
Max overall dimension (out of ears)	mm	162.5
Flange height	mm	8.0
Max magnet diameter	mm	117.5
Max depth (front mounting)	mm	68.5
Recommended reflex box	Lts / Hz	7L / 110Hz
Electrical connection	6.35x0.8 FASTON	

