

Nominal Diameter	17 cm / 6.5 "
Rated Impedance	8
Reference efficiency (1W @ 1m)	94 dB SPL
Power Handling Capacity	100 W AES
SPL max (continuous)	110 dB SPL
Usable frequency range	60 - 4000 Hz
Speaker net mass	2.15 kg

Architecture highlights :

Double side Coated diaphragm (Tropical withstanding)

High compliance double half-roll Fabric Surround

High excursion vented voice coil



Motor architecture

Voice coil diameter	mm	38
Voice coil length	mm	12.5
Air gap height	mm	6

Typical characteristics

Rated impedance	Z	Ω	8
Half space sensitivity (1W@1m)	-	dB SPL	94
Usable freq. range	-	Hz	60 - 4000
Power handling capacity (AES)	-	W	100
Max Sound Pressure Level	SPL _{max}	dB SPL	110
Min. impedance modulus	Z _{min}	Ω @Hz	6.6@450
Voice-coil inductance @ 1kHz	L _{e1k}	mH	0.652
Voice-coil inductance @ 10kHz	L _{e10k}	mH	0.288
BL product	BL	N/A	10.3
Moving mass	M _{ms}	kg	0.012

Thiele-Small parameters

Resonance frequency	F _s	Hz	72 (\pm 12)
DC Resistance	Re	Ω	5.8 (\pm 0.6)
Mechanical quality factor	Q _{ms}	1	2.14
Electrical quality factor	Q _{es}	1	0.29
Total quality factor	Q _{ts}	1	0.26
Suspension compliance	C _{ms}	10 ⁻⁶ .m/N	410
Effective piston area	S _d	m ²	0.0145
Equivalent Cas air load	V _{as}	m ³	0.0122
Max linear excursion	X _{max}	mm	\pm 4.0
Linear displacement volume	V _d	10 ⁻³ .m ³	0.0581
Reference efficiency	η_0	%	1.5
Unity load volume	V _{as} .Q _{ts} ²	10 ⁻³ .m ³	0.8

Absolute maximum ratings

Short term max. input voltage	V _{max}	V	55
Max.excursion before damage	X _{dam}	mm	6.0
Ambient operating temperature	T _a	$^{\circ}$ 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	0.51
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 / 90Hz
Electrical connection		6.35x0.8 FASTON

