



SPECIFICATION SHEET

Speaker type:	B171-8
Model number :	SP 1360
Upgrade	0
Cooling system :	Natural convection cooling

Typical characteristics			
Rated impedance	Z	Ω	8
Half space sensitivity (1W@1m)	-	dB SPL	93
Usable freq. range	-	Hz	40-4000
Power handling capacity (AES)	-	W	100
Max Sound Pressure Level	SPLmax	dB SPL	109
Min. impedance modulus	Zmin	Ω @Hz	6.6 @ 360
Voice-coil inductance @ 1kHz	Le _{1k}	mH	0.64
Voice-coil inductance @ 10kHz	Le _{10k}	mH	0.23
BL product	BL	N/A	8.8
Moving mass	Mms	kg	0.012
Thiele-Small parameters: Typical (QC limits)			
Resonance frequency	Fs	Hz	40(±5)
DC Resistance	Re	Ω	6.1(±0.6)
Mechanical quality factor	Qms	1	3.2
Electrical quality factor	Qes	1	0.24
Total quality factor	Qts	1	0.22
Mechanical suspension compliance	Cms	10 ⁻⁶ .m/N	1300
Effective piston area	Sd	m ²	0.0143
Equivalent Cas air load	Vas	m ³	0.038
Max linear excursion	Xmax	±mm	3.5
Linear displacement volume	Vd	10 ⁻³ .m ³	0.050
Reference efficiency	η_0	%	1
Unity load volume	Vas.Qts ²	10 ⁻³ .m ³	2.2
Absolute maximum ratings			
Short term max. input voltage	Vmax	V	60
Max.excursion before damage	Xdam	±mm	8
Ambient operating temperature	Ta	°C	-10 to +50
Storage temperature	-	°C	-20 to +70
Environmental withstanding	-	-	tropical
Application information			
Air volume occupied by the driver	-	10 ⁻³ .m ³	0.5
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 Diemension (out of ears)		mm	162.5
Flange Height		mm	8.0
Max Magnet Diameter		mm	117.5
Max Depth (Front mounting)			68.5
Recommended reflex box	Vb/Fb	Lts/Hz	15L/56Hz

Note: These specifications are stated to be representative of current production after conditioning. Because of our continous research they are subject to change without notice. The latest upgrade dating cancels the previous one.