

KEY FEATURES

- 500W AES Power Handling
- 76 mm (3in) copper-clad aluminium voice coil
- 56–3.5 K Hz response
- 98dB SPL
- Special patent paper Cone



TYPICAL CHARACTERISTICS

Nominal Diameter	–	mm	313
Rated impedance	–	Ω	8
Half space sensitivity (1w@1m)	–	dB SPL	98
Usable freq. range	–	Hz	56–3500
AES Power handling (1)	–	W	500
Maximum Power Handling (2)	–	W	1000
Magnet Diameter	–	mm	190
Voice Coil Diameter	–	mm	76
BL product	BL	N/A	20.6

THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS)

Resonance frequency	Fs	Hz	56(± 6)
DC Resistance	Re	Ω	5.5(± 0.5)
Mechanical quality factor	Qms		4.1
Electrical quality factor	Qes		0.30
Total quality factor	Qts		0.29
Max linear excursion	Xmax	± mm	6
Reference efficiency	h0	%	3.8

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	313 mm
Bolt Circle Diameter	295 mm
Baffle Cutout Diameter	283 mm
Depth	141 mm
Net Weight	5.2 kg
Shipping Weight	5.6 kg
Shipping Box	323x323x151 mm

NOTE:

- (1) 2 Hours Test According to AES 2–1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power

ABSOLUTE MAXIMUM RATINGS

Short term max. input voltage	Vmax	V	60
Max.excursion before damage	Xdam	± mm	13
Ambient operating temperature	Ta	°C	–10 to +50
Storage temperature	–	°C	–20 to +70
Environmental withstanding Q	–	–	Outdoor

