

## Swans-Speaker – M8a



### Specifications

General Data	
Nominal Power Handling (Pnom)(W)	80
Max Power Handling (Pmax)(W)	160
Sensitivity (2.83v/1m)(dB)	88
Weight (M)(Kg)	2.5
Electrical Data	
Nominal Impedance (Z)(Ω)	8
DC (Re)(Ω)	6.5
Voice Coil and Magnet Parameters	
VC Diameter (mm)	35
VC Length (H)(mm)	17.5
VC Former	SV
VC Frame	Kapton
Magnet System	Outside
Magnet Former	Ferrite
Force Factor (BL)(N/A)	10.5
Gap Height (He)(mm)	6
Linear Excursion (Xmax)(mm)	5.8
T-S Parameters	
Suspension Compliance (Cms)(uM/N)	605
Mechanical Q (Qms)	4.59
Electrical Q (Qes)	0.49
Total Q (Qts)	0.44
Moving Mass (Mms)(g)	38.1
Effective Piston Area (Sd)(m <sup>2</sup> )	0.0214
Equivalent Air Volume (Vas)(L)	42.3
Resonance Frequency (Fs)(Hz)	33

