



06W35-8TPX

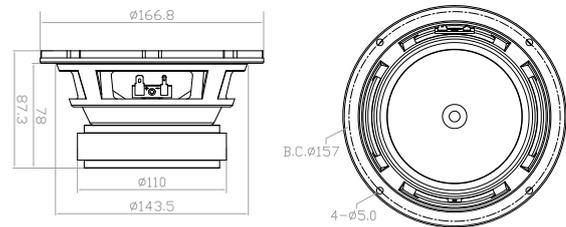
BASS/MID RANGE DRIVER



KEY FEATURES

- 92dB 1W/1m sensitivity
- 120W AES power handling
- 95Hz-10kHz frequency response
- 35.5mm (1.4in) copper voice coil
- Suitable for compact two way systems and multi-way systems

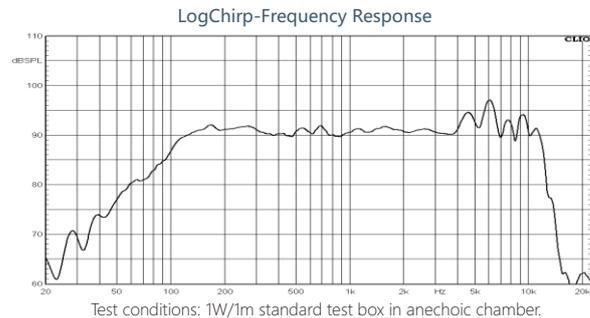
MECHANICAL DRAWING



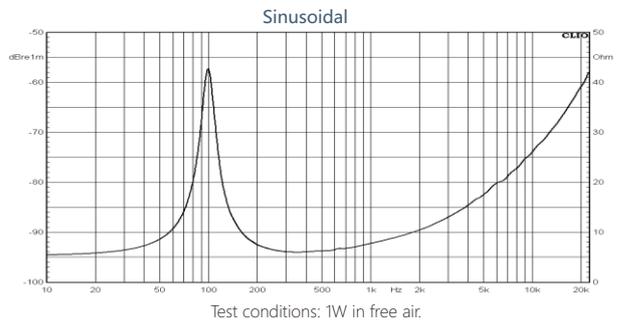
GENERAL SPECIFICATIONS

Part Number	06W35-8TPX
Nominal Diameter	166.8mm (6in)
Nominal Impedance	8Ω
Minimum Impedance	6.0Ω
AES Power Handling ¹	120W
Maximum Power Handling ²	240W
Sensitivity (1W/1m) ³	92dB
Resonance Frequency	95Hz
Frequency Range	95Hz-10kHz
Voice Coil Diameter	35.5mm
Winding Material	Copper
Former Material	Polyimide
Winding Depth	10.2mm
Magnetic Gap Depth	6mm
Xmax ⁴	4.1mm
Flux Density	1.15T
Basket Material	Pressed Steel
Magnet Material	Ferrite
Suspension Material	Fabric
Surround Material	M-Roll Cloth-sealed
Cone Material	Curvilinear Paper
Net Weight	1.8kg

FREQUENCY RESPONSE CURVE



IMPEDANCE CURVE



TS Parameters⁵

Fs	99Hz	Qms	4.9
Re	5.6Ω	Qes	0.73
Le	0.32mH	Qts	0.64
Mms	15g	Vas	4.1L
Mmd	14g	Ref. Efficiency	0.6%
Cms	0.17mm/N	Sd	133cm ²
BL	8.5Tm	EBP	135Hz

NOTES

1. Two hours test according to AES 2-1984 Rev. 2003.
Power calculated on rated minimum impedance.
2. Maximum power is defined as 3dB greater than Nominal power.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Xmax=[(winding depth-magnetic gap depth)/2]+(magnetic gap depth/3).
5. Thiele-Small parameters are measured after a preconditioning test.
6. Power test by continuous pink noise signal within the frequency range.