



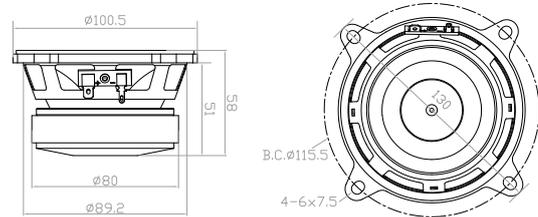
04W25-8CF 16Ω Available BASS/MID RANGE DRIVER



KEY FEATURES

- 92dB 1W/1m sensitivity
- 40W AES power handling
- 100Hz-20kHz frequency response
- 25.8mm (1.0in) copper clad aluminum voice coil
- Copper demodulating ring for lower distortion
- Suitable for sound column systems and multi-way systems

MECHANICAL DRAWING



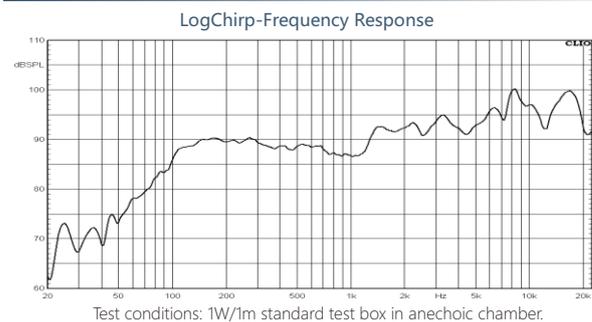
GENERAL SPECIFICATIONS

Part Number	04W25-8CF
Nominal Diameter	100.5mm (4in)
Nominal Impedance	8Ω
Minimum Impedance	6.3Ω
AES Power Handling ¹	40W
Maximum Power Handling ²	80W
Sensitivity (1W/1m) ³	92dB
Resonance Frequency	100Hz
Frequency Range	100Hz-20kHz
Voice Coil Diameter	25.8mm
Winding Material	Copper Clad Aluminum
Former Material	Polyimide
Winding Depth	7.2mm
Magnetic Gap Depth	4mm
X _{max} ⁴	2.9mm
Flux Density	1.1T
Basket Material	Pressed Steel
Magnet Material	Ferrite
Suspension Material	Fabric
Surround Material	Half-Roll Rubber
Cone Material	Curvilinear Paper
Net Weight	0.75kg

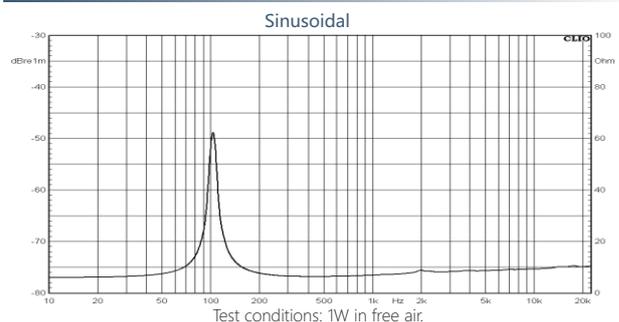
TS Parameters⁵

F _s	103Hz	Q _{ms}	8.2
R _e	5.4Ω	Q _{es}	0.65
L _e	0.04mH	Q _{ts}	0.60
M _{ms}	5.2g	V _{as}	1.5L
M _{md}	5.0g	Ref. Efficiency	0.27%
C _{ms}	0.42mm/N	S _d	50.3cm ²
BL	5.4Tm	EBP	158Hz

FREQUENCY RESPONSE CURVE



IMPEDANCE CURVE



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. X_{max}=[(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.