

15W75-8S

BASS/MID RANGE DRIVER



KEY FEATURES:

- 98.5dB 1W / 1m sensitivity
- 75.55mm (3.0in) copper voice coil
- 350W IEC power handling
- 40Hz-2kHz frequency response
- Heavy-duty cast aluminum chassis for increased rigidity
- Suitable for compact two way systems

GENERAL SPECIFICATIONS

Nominal Diameter	388mm (15in)
Nominal Impedance	8Ω
Minimum Impedance	6.2Ω
IEC Power Rating ¹	350W
Long-term Maximum Power Handling ²	700W
Short-term Maximum Power Handling ³	1400W
Sensitivity (1W/1m) ⁴	98.5dB
Resonance Frequency	40Hz
Frequency Range	40Hz-2kHz
Voice Coil Diameter	75.55mm
Winding Material	Copper
Former Material	Glass Fiber
Winding Depth	17.5mm
Magnetic Gap Depth	10mm
Xmax ⁵	7.1mm
Flux Density	1.2T
Basket Material	Cast Aluminum
Magnet Material	Ferrite
Suspension Material	Fabric
Surround Material	W-Roll Cloth-sealed
Cone Material	Curvilinear Paper
Net Weight	8.0kg

THIELE SMALL PARAMETERS

Fs	43Hz	Mms	118g
Re	5.7Ω	Mmd	103g
Qms	11.5	Cms	0.12mm/N
Qes	0.41	Vas	126litres
Qts	0.39	Ref. Efficiency	2.4%
Le	0.61mH	Sd	881cm ²
BL	21Tm	EBP	105Hz

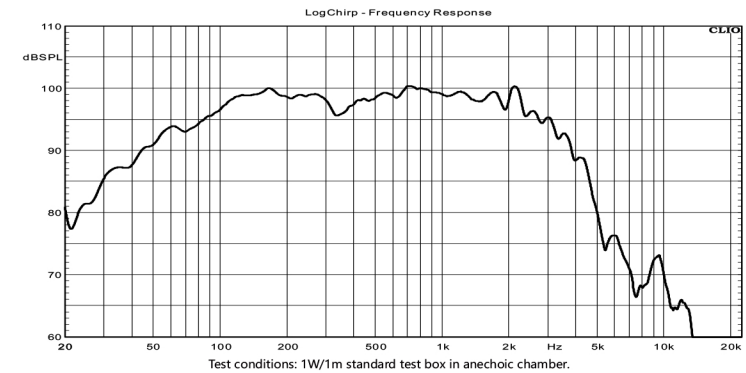
DIMENSIONS

Overall Diameter	388mm
Total Depth	166mm
Depth (Excl. Flange)	156.5mm
Magnet Diameter	190mm

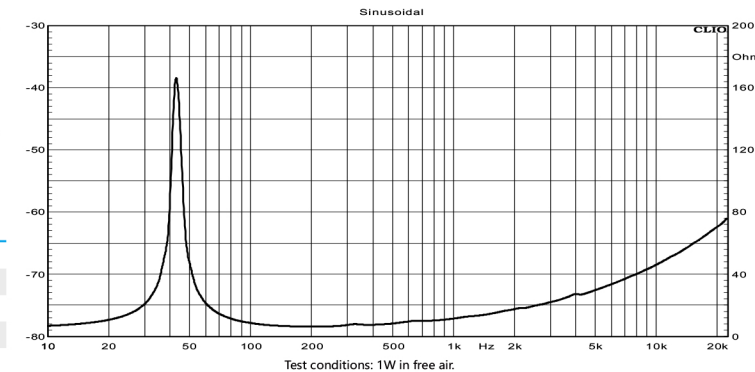
MOUNTING INFORMATION

Baffle Cutout Diameter	350mm
Bolt Circle Diameter	370mm
N. of Mounting Holes	8
Mounting Holes Diameter	ø7.0mm

FREQUENCY RESPONSE CURVE

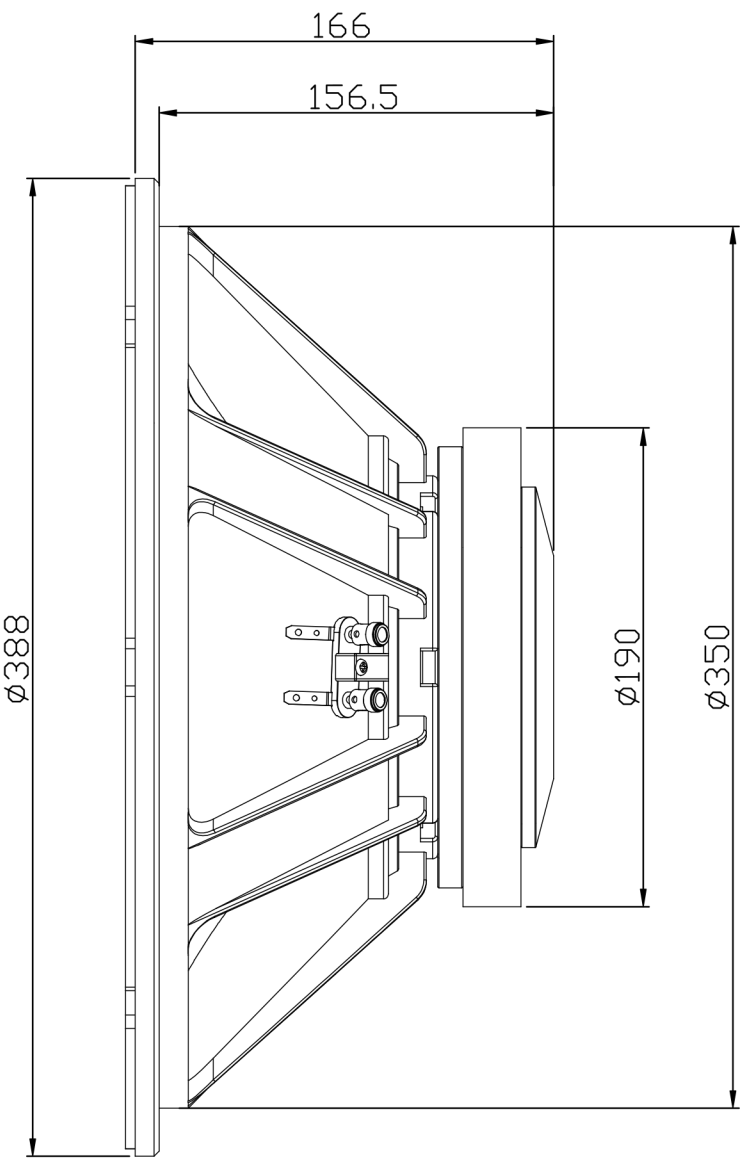
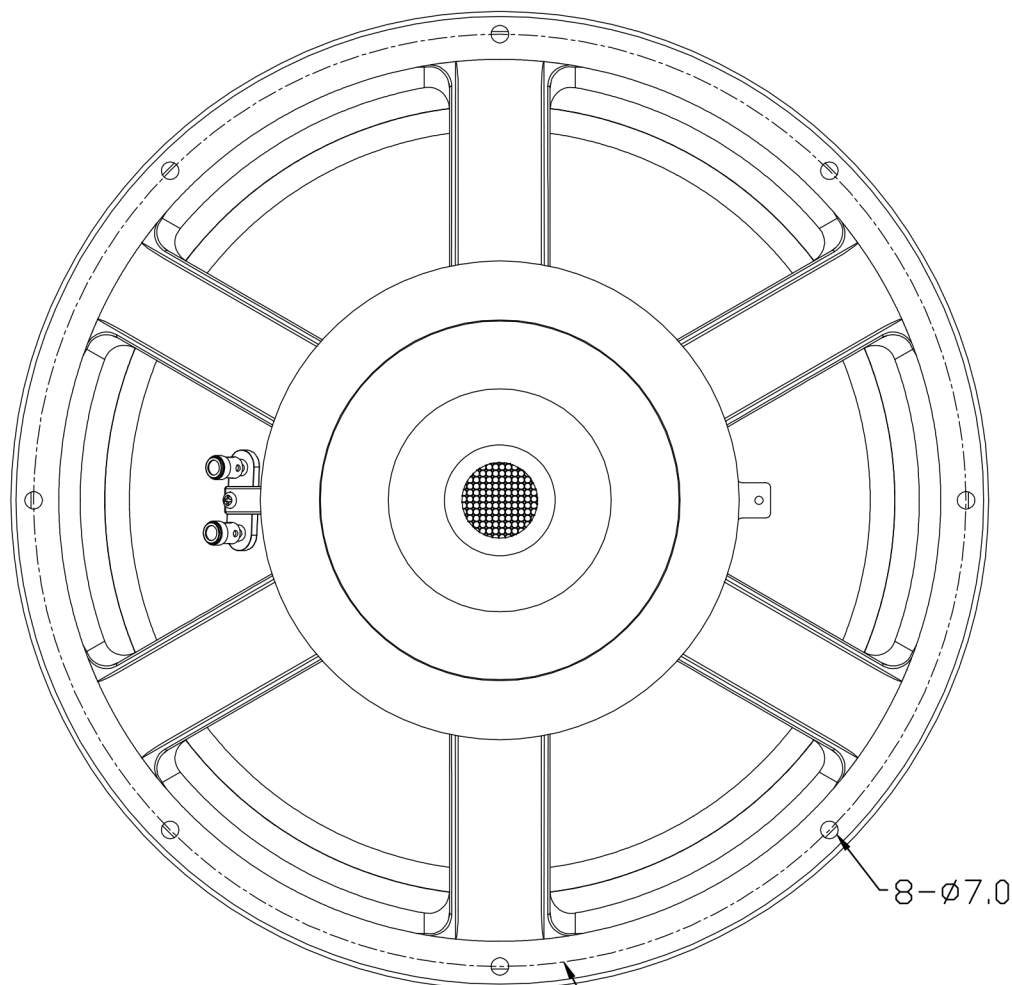


IMPEDANCE CURVE



NOTES:

1. 100 hours test according to IEC 60268-5 standard. Power calculated on rated minimum impedance.
2. 2 hours test according to IEC 60268-5 standard. Power calculated on rated minimum impedance.
3. 2 hours test according to IEC 60268-5 standard. Power calculated on rated minimum impedance.
4. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
5. Xmax = [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3).
6. Thiele-Small parameters are measured after a preconditioning test.
7. Power test made with continuous pink noise signal within the frequency range.



Mod. 15W75-8S		
Scale:1:3	Dimensions in mm	A4
