

KEY FEATURES

- 2000 Watt Max Power
- 100 mm (4 in) voice coil, copper wire
- Demodulating ring for lower distortion
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation
- Neodymium magnet assembly



GENERAL SPECIFICATIONS

| | |
|--------------------------|----------------|
| Nominal Diameter | 15 in - 380 mm |
| Nominal Impedance | 8 Ohm |
| Nominal Rdc | 6 Ohm |
| Power handling (AES) (*) | 1000 Watt |
| Max Power | 2000 Watt |
| Minimum Impedance | 7.7 Ohm |
| Frequency Range | 30 ÷ 500 Hz |
| Voice Coil Diameter | 4 in - 100 mm |
| S.P.L. (1w, 1m) | 96 dB |
| Nominal Fs | 28 Hz |
| Flux Density | 1.25 T |
| Sinusoidal Test Voltage | 18 V |

(*) Life Test

| | |
|------------------|-----------------------|
| Box Volume | 80 liters |
| Input Signal | Pink noise |
| Band Pass Filter | 20 - 2000Hz, 12dB/oct |
| Test duration | 2 hours |

MECHANICAL & SHIPPING INFORMATIONS

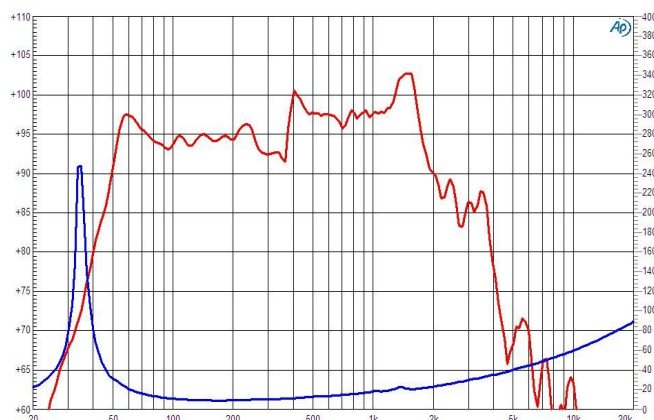
| | |
|-------------------------|--------|
| Net weight | 8.0 kg |
| Overall Diameter | 388 mm |
| Overall Depth | 182 mm |
| Baffle Cut Diameter | 354 mm |
| Mounting holes number | 8 |
| Mounting holes diameter | 7 mm |
| Mounting bolt diameter | 370 mm |

MATERIALS

| | |
|----------------------------|----------------------|
| Frame Material | Aluminium |
| Voice Coil Former Material | Kapton |
| Voice Coil Wire | Copper |
| Cone Material | Doped Paper |
| Cone Shape | Straight |
| Surround Material | Doped Nomex ® fabric |
| Surround Shape | Two rolls |
| Suspension Material | Doped Nomex ® fabric |
| Magnet Type | Neodymium |
| Magnet Weight | 620 g |

DIAGRAM

| | |
|--------------------|-------------------------------------|
| Frequency Response | Reflex Box (140 dmc) - 2.83 V - 1 m |
| Impedance | (Iac=10m A) |



THIELE-SMALL PARAMETERS

| | |
|----------------------|--------------|
| Qms | 11.19 |
| Qes | 0.26 |
| Qts | 0.25 |
| Fs | 27.90 Hz |
| Re | 6.04 Ohm |
| Mms | 143.00 g |
| Cms | 0.23 mm/N |
| Bl | 24.19 T*m |
| Sd | 830.00 cm² |
| Vas | 219.93 liter |
| u0 | 1.78 % |
| XMax | 11.5 mm |
| Le | 1.07 mH |
| Rms | 2.24 Kg/s |
| Efficiency Bandwidth | 107.83 |

Air gap height = mm 14
Winding height = mm 30