

KEY FEATURES

- 1000 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved dissipation
- Demodulating ring lower distortion



GENERAL SPECIFICATIONS

| | |
|--------------------------|----------------|
| Nominal Diameter | 15 in - 380 mm |
| Nominal Impedance | 8 Ohm |
| Nominal Rdc | 5.6 Ohm |
| Power handling (AES) (*) | 500 Watt |
| Max Power | 1000 Watt |
| Minimum Impedance | 6.3 Ohm |
| Frequency Range | 30 ÷ 2000 Hz |
| Voice Coil Diameter | 75 mm (3 in) |
| S.P.L. (1w, 1m) | 97 dB |
| Nominal Fs | 39 Hz |
| Flux Density | 1.04 T |
| Sinusoidal Test Voltage | 15 V |

| | |
|------------------|-------------------------|
| (*) Life Test | |
| Box Volume | 80 liters |
| Input Signal | Pink noise |
| Band Pass Filter | 30 - 2000 Hz, 12 dB/oct |
| Test duration | 2 hours |

THIELE-SMALL PARAMETERS

| | |
|----------------------|------------------------|
| Qms | 8.24 |
| Qes | 0.46 |
| Qts | 0.43 |
| Fs | 39.10 Hz |
| Re | 5.83 Ohm |
| Mms | 99.77 g |
| Cms | 0.17 mm/N |
| Bl | 17.70 T*m |
| Sd | 855.00 cm ² |
| Vas | 170.32 liter |
| u0 | 2.15 % |
| XMax | 6.75 mm |
| Le | 0.77 mH |
| Rms | 2.97 Kg/s |
| Efficiency Bandwidth | 85.73 |

Air gap height = mm 10
Winding height= mm 18,5

MECHANICAL & SHIPPING INFORMATIONS

| | |
|-------------------------|---------|
| Net weight | 7.55 Kg |
| Overall Diameter | 388 mm |
| Overall Depth | 160 mm |
| Baffle Cut Diameter | 354 mm |
| Mounting holes number | 8 |
| Mounting holes diameter | 6.5 mm |
| Mounting bolt diameter | 368 mm |

MATERIALS

| | |
|----------------------------|--------------------|
| Frame Material | Aluminium |
| Voice Coil Former Material | Kapton |
| Voice Coil Wire | Copper |
| Cone Material | Doped Paper |
| Cone Shape | Exponential |
| Surround Material | Doped Nomex fabric |
| Surround Shape | Three wave |
| Suspension Material | Doped Nomex fabric |
| Magnet Type | Ferrite |
| Magnet Weight | 1770 g |

DIAGRAM

| | |
|--------------------|---------------------------------------|
| Frequency Response | Reflex Box (80 liters) - 2.83 V - 1 m |
| Impedance | (Iac=10m A) |

