

GENERAL SPECIFICATIONS

| | | |
|--------------------------|--------------|----------|
| Nominal Diameter | 10" - 250 mm | |
| Nominal Impedance | 8 Ohm | |
| Nominal Rdc | 5,7 Ohm | ±0,4 Ohm |
| Power handling (AES) (*) | 300 Watt | |
| Max Power | 600 Watt | |
| Frequency Range | 50-3000 Hz | |
| Voice Coil Diameter | 64 mm | 2,50 in |
| S.P.L. (1w, 1m) | 97 dB | ±1,5 dB |
| Nominal Fs | 51 Hz | ±7 Hz |
| Flux Density | 1,15 T | ±0,08 T |

(*) Life Test

Box Volume 40 liters

Input Signal Pink noise

Band Pass Filter 20-2000 Hz, 12dB/oct

V on Speaker 45 V

Test duration 2 hours

THIELE-SMALL PARAMETERS

| | |
|------|-------------------------|
| Qms | 12,29 |
| Qes | 0,31 |
| Qts | 0,30 |
| Fs | 50,87 Hz |
| Re | 5,75 Ohm |
| Mms | 36,44 g |
| Cms | 0,00026863 m/N |
| Bl | 14,73 Wb/m |
| Sd | 0,035299 m ² |
| Vas | 0,04701 m ³ |
| u0 | 1,92 % |
| XMax | 4 mm |
| Le | 1,2 mH |

MECHANICAL & SHIPPING INFORMATIONS

| | |
|-------------------------|--------|
| Net weight | 4,9 kg |
| Overall Diameter | 266 mm |
| Overall Depth | 113 mm |
| Baffle Cut Diameter | 235 mm |
| Mounting holes number | 4 |
| Mounting holes diameter | 5 mm |
| Mounting bolt diameter | 253 mm |

MATERIALS

| | |
|----------------------------|----------------------|
| Frame Material | Aluminium |
| Voice Coil Former Material | Kapton |
| Voice Coil Wire | Aluminium |
| Cone Material | Paper |
| Cone Shape | Exponential |
| Surround Material | Doped Nomex ® Fabric |
| Surround Shape | Two rolls |
| Suspension Material | Doped Nomex ® Fabric |
| Magnet Type | Ferrite |
| Magnet Weight | 1425 g |

DIAGRAM

| | |
|--------------------|---------------------------------|
| Frequency Response | Reflex Box 40 dmc - 2,83 V - 1m |
| Impedance | (Iac=10m A) |