

KEY FEATURES

- 800 Watt Max Power
- 75 mm (3 in) voice coil, aluminium wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane
- for outdoor use
- Ventilated voice coil and magnet circuit
- for improved heat dissipation



MECHANICAL & SHIPPING INFORMATIONS

| | |
|-------------------------|--------|
| Net weight | 4.6 kg |
| Overall Diameter | 260 mm |
| Overall Depth | 130 mm |
| Baffle Cut Diameter | 230 mm |
| Mounting holes number | 8 |
| Mounting holes diameter | 6.5 mm |
| Mounting bolt diameter | 245 mm |

MATERIALS

| | |
|----------------------------|----------------------|
| Frame Material | Aluminium |
| Voice Coil Former Material | Kapton |
| Voice Coil Wire | Aluminium |
| Cone Material | Doped Paper |
| Cone Shape | Exponential |
| Surround Material | Doped Nomex ® fabric |
| Surround Shape | Two rolls |
| Suspension Material | Doped Nomex ® fabric |
| Magnet Type | Neodymium |
| Magnet Weight | 460 g |

GENERAL SPECIFICATIONS

| | |
|--------------------------|----------------|
| Nominal Diameter | 10 in - 250 mm |
| Nominal Impedance | 8 Ohm |
| Nominal Rdc | 5.4 Ohm |
| Power handling (AES) (*) | 400 Watt |
| Max Power | 800 Watt |
| Minimum Impedance | 6.78 Ohm |
| Frequency Range | 60 ÷ 5000 Hz |
| Voice Coil Diameter | 3 in - 75 mm |
| S.P.L. (1w, 1m) | 96 dB |
| Nominal Fs | 65 Hz |
| Flux Density | 1.55 T |
| Sinusoidal Test Voltage | 15 V |

(*) Life Test

| | |
|------------------|----------------------|
| Box Volume | 40 liters |
| Input Signal | Pink noise |
| Band Pass Filter | 20 - 2000Hz, 12dB/oc |
| Test duration | 2 hours |

THIELE-SMALL PARAMETERS

| | |
|----------------------|------------------------|
| Qms | 10.60 |
| Qes | 0.38 |
| Qts | 0.36 |
| Fs | 65.10 Hz |
| Re | 5.52 Ohm |
| Mms | 45.00 g |
| Cms | 0.13 mm/N |
| Bl | 16.41 T*m |
| Sd | 346.00 cm ² |
| Vas | 22.31 liter |
| u0 | 1.57 % |
| XMax | 8.5 mm |
| Le | 0.4 mH |
| Rms | 1.74 Kg/s |
| Efficiency Bandwidth | 172.54 |

Air gap height = mm 10
Winding height = mm 22

DIAGRAM

| | |
|--------------------|---------------------------------|
| Frequency Response | Reflex Box 40dmc - 2.83 V - 1 m |
| Impedance | (Iac=10m A) |

