

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 magnet circuit for improved heat dissipation



GENERAL SPECIFICATIONS

| | |
|--------------------------|----------------|
| Nominal Diameter | 10 in - 250 mm |
| Nominal Impedance | 8 Ohm |
| Nominal Rdc | 6.6 Ohm |
| Power handling (AES) (*) | 400 Watt |
| Max Power | 800 Watt |
| Minimum Impedance | 8.29 Ohm |
| Frequency Range | 60 ÷ 3000 Hz |
| Voice Coil Diameter | 3 in - 75 mm |
| S.P.L. (1w, 1m) | 95 dB |
| Nominal Fs | 65 Hz |
| Flux Density | 1.3 T |
| Sinusoidal Test Voltage | 15 V |

(*) Life Test

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

MECHANICAL & SHIPPING INFORMATIONS

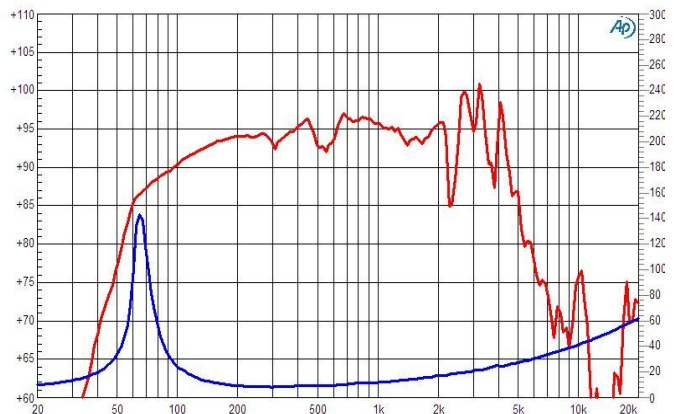
| | |
|-------------------------|--------|
| Net weight | 4.7 kg |
| Overall Diameter | 266 mm |
| Overall Depth | 133 mm |
| Baffle Cut Diameter | 235 mm |
| Mounting holes number | 8 |
| Mounting holes diameter | 6 mm |
| Mounting bolt diameter | 253 mm |

MATERIALS

| | |
|----------------------------|---------------------|
| Frame Material | Aluminium |
| Voice Coil Former Material | Fiberglass |
| Voice Coil Wire | Aluminium |
| Cone Material | Doped Paper |
| Cone Shape | Exponential |
| Surround Material | Doped Nomex® fabric |
| Surround Shape | Three waves |
| Suspension Material | Doped Nomex® fabric |
| Magnet Type | Neodymium |
| Magnet Weight | 310 g |

DIAGRAM

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



THIELE-SMALL PARAMETERS

| | |
|----------------------|-------------|
| Qms | 11.52 |
| Qes | 0.36 |
| Qts | 0.35 |
| Fs | 67.00 Hz |
| Re | 6.80 Ohm |
| Mms | 48.11 g |
| Cms | 0.12 mm/N |
| Bl | 19.65 T*m |
| Sd | 355.00 cm² |
| Vas | 20.74 liter |
| u0 | 1.69 % |
| XMax | 7.5 mm |
| Le | 0.79 mH |
| Rms | 1.76 Kg/s |
| Efficiency Bandwidth | 187.85 |

Air gap height = mm 10
Winding height = mm 20