

KEY FEATURES

- 1000 Watt Max Power
- 100 mm (4 in) voice coil, aluminium wire
- Double spider for improved control and linearity
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use



GENERAL SPECIFICATIONS

| | |
|--------------------------|----------------|
| Nominal Diameter | 12 in - 320 mm |
| Nominal Impedance | 8 Ohm |
| Nominal Rdc | 6 Ohm |
| Power handling (AES) (*) | 500 Watt |
| Max Power | 1000 Watt |
| Frequency Range | 20-2000 Hz |
| Voice Coil Diameter | 4 in - 100 mm |
| S.P.L. (1w, 1m) | 98 dB |
| Nominal Fs | 54 Hz |
| Flux Density | 1,4 T |
| Sinusoidal Test Voltage | 18 V |

(*) Life Test

| | |
|------------------|---------------------|
| Box Volume | 60 liters |
| Input Signal | Pink noise |
| Band Pass Filter | 20-2000Hz, 12dB/oct |
| V on Speaker | 63 V |
| Test duration | 2 hours |

MECHANICAL & SHIPPING INFORMATIONS

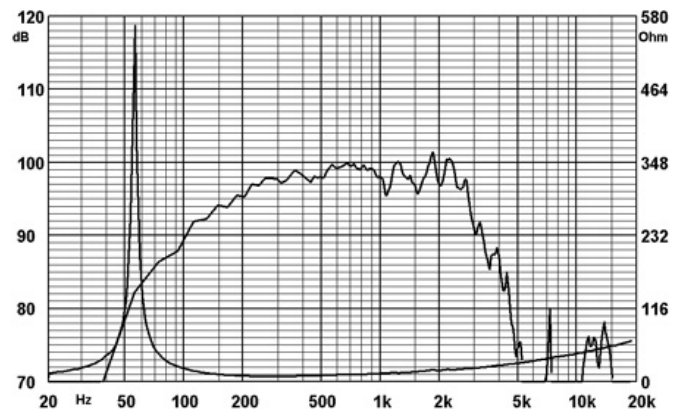
| | |
|-------------------------|--------|
| Net weight | 5,7 kg |
| Overall Diameter | 314 mm |
| Overall Depth | 148 mm |
| Baffle Cut Diameter | 282 mm |
| Mounting holes number | 8 |
| Mounting holes diameter | 7 mm |
| Mounting bolt diameter | 296 mm |

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 | Two rolls |
| Suspension Material | Doped Nomex® fabric |
| Magnet Type | Neodymium |
| Magnet Weight | 620 g |

DIAGRAM

| | |
|--------------------|----------------------------------|
| Frequency Response | Reflex Box 25 dmc - 2,83 V - 1 m |
| Impedance | (Iac=10m A) |



THIELE-SMALL PARAMETERS

| | |
|----------------------|-------------|
| Qms | 18,75 |
| Qes | 0,24 |
| Qts | 0,24 |
| Fs | 54,00 Hz |
| Re | 6,12 Ohm |
| Mms | 74,00 g |
| Cms | 0,12 mm/N |
| Bl | 25,16 T*m |
| Sd | 530,00 cm² |
| Vas | 46,26 liter |
| u0 | 2,89 % |
| XMax | 8,00 mm |
| Le | 0,73 mH |
| Rms | 1,34 Kg/s |
| Efficiency Bandwidth | 222,47 |

Air gap height = mm 10
Winding height = mm 21