

**KEY FEATURES**

- 600 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Ferrite magnet assembly
- Interleaved sandwich voice coil



**GENERAL SPECIFICATIONS**

|                          |                |
|--------------------------|----------------|
| Nominal Diameter         | 12 in - 320 mm |
| Nominal Impedance        | 8 Ohm          |
| Nominal Rdc              | 5.8 Ohm        |
| Power handling (AES) (*) | 300 Watt       |
| Max Power                | 600 Watt       |
| Minimum Impedance        | 9.16 Ohm       |
| Frequency Range          | 45 ÷ 2000 Hz   |
| Voice Coil Diameter      | 75 mm (3 in)   |
| S.P.L. (1w, 1m)          | 98 dB          |
| Nominal Fs               | 45 Hz          |
| Flux Density             | 1.15 T         |
| Sinusoidal Test Voltage  | 15 V           |

(\*) Life Test

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

**THIELE-SMALL PARAMETERS**

|      |                         |
|------|-------------------------|
| Qms  | 13.06                   |
| Qes  | 0.25                    |
| Qts  | 0.24                    |
| Fs   | 46.32 Hz                |
| Re   | 5.81 Ohm                |
| Mms  | 58.66 g                 |
| Cms  | 0.0002013 m/N           |
| Bl   | 19.99 Wb/m              |
| Sd   | 0.053502 m <sup>2</sup> |
| Vas  | 0.08093 m <sup>3</sup>  |
| u0   | 3.09 %                  |
| XMax | 3.5 mm                  |
| Le   | 1.2 mH                  |

Air gap height = mm 10  
Winding height = mm 17

**MECHANICAL & SHIPPING INFORMATIONS**

|                         |        |
|-------------------------|--------|
| Net weight              | 7.4 kg |
| Overall Diameter        | 315 mm |
| Overall Depth           | 146 mm |
| Baffle Cut Diameter     | 282 mm |
| Mounting holes number   | 8      |
| Mounting holes diameter | 7 mm   |
| Mounting bolt diameter  | 295 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             | Two rolls            |
| Suspension Material        | Doped Nomex ® fabric |
| Magnet Type                | Ferrite              |
| Magnet Weight              | 1770 g               |

**DIAGRAM**

|                    |                                 |
|--------------------|---------------------------------|
| Frequency Response | Reflex Box 60 dmc - 2.83 V - 1m |
| Impedance          | (Iac=10m A)                     |

