

**KEY FEATURES**

- 1000 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation



**GENERAL**

|                          |              |          |
|--------------------------|--------------|----------|
| Nominal Diameter         | 12" - 320 mm |          |
| Nominal Impedance        | 8 Ohm        |          |
| Nominal Rdc              | 5,8 Ohm      | ±0,4 Ohm |
| Power handling (AES) (*) | 500 Watt     |          |
| Max Power                | 1000 Watt    |          |
| Voice Coil Diameter      | 75 mm        | 3,00 in  |
| S.P.L. (1w, 1m)          | 98 dB        | ±1,5 dB  |
| Nominal Fs               | 49 Hz        | ±5 Hz    |
| Flux Density             | 1,3 T        | ±0,08 T  |
| Frequency Range          | 20-3000 Hz   |          |
| Sinusoidal Test Voltage  | 15 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 DATA**

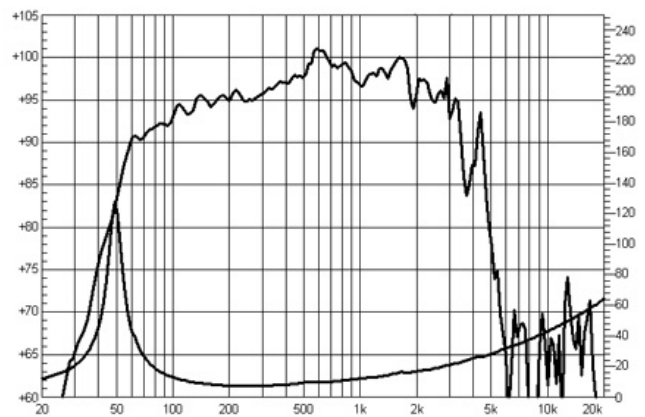
|                         |        |
|-------------------------|--------|
| Weight                  | 4,9 kg |
| Overall Diameter        | 315 mm |
| Overall Depth           | 160 mm |
| Baffle Cut Diameter     | 282 mm |
| Mounting holes number   | 8      |
| Mounting holes diameter | 7 mm   |
| Mounting bolt diameter  | 295 mm |

**MATERIALS**

|                     |                     |
|---------------------|---------------------|
| Frame Material      | Aluminium           |
| Voice Coil Former   | Fiberglass          |
| Voice Coil Wire     | Copper              |
| 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       | 460 g               |

**DIAGRAM**

|                    |                                 |
|--------------------|---------------------------------|
| Frequency Response | Reflex Box 60 dmc - 2,83 V - 1m |
| Impedance          | (Iac=10m A)                     |



**THIELE-SMALL PARAMETERS**

|                      |             |
|----------------------|-------------|
| Qms                  | 9,21        |
| Qes                  | 0,31        |
| Qts                  | 0,30        |
| Fs                   | 49,00 Hz    |
| Re                   | 5,6 Ohm     |
| Mms                  | 69,53 g     |
| Cms                  | 0,15 mm/N   |
| Bl                   | 19,77 T*m   |
| Sd                   | 551,00 cm²  |
| Vas                  | 64,63 liter |
| u0                   | 2,39 %      |
| XMax                 | 6,75 mm     |
| Le                   | 0,75 mH     |
| Rms                  | 2,32 Kg/s   |
| Efficiency Bandwidth | 159,77      |

Air gap height = mm 10  
Winding height = mm 18,5