# 15C262
Coaxial Transducer

**Features:**

- 98dB sensitivity 1W/1m
- 400W + 60W Power handling
- 3" copper sandwich voice coil
- Single point source providing coherent wave front
- Optimal for compact 2-way systems

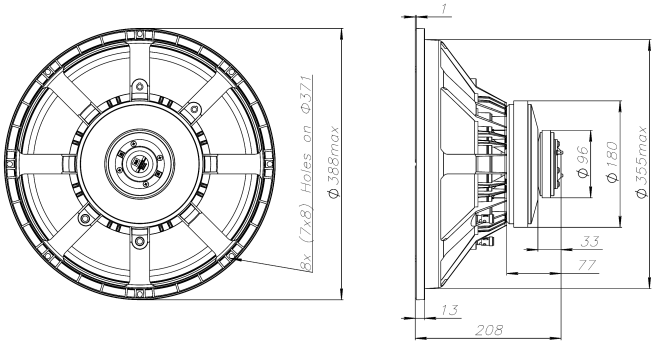
## SPECIFICATIONS

| APPLICATION | Transducer | | |
|---|---|---|---|
| Nominal impedance | Ohm | 8 | |
| Power handling AES noise | W | 400 | |
| Sensitivity ( 1W/1m ) | dB | 98 | |
| Frequency response | Hz | 40 - 2500 | |
| Voice coil diameter | mm | 77 (3") | |
| Voice coil material | | Cu | |
| Voice coil winding depth | mm | 17 | |
| Magnet gap depth | mm | 10 | |
| Basket | | Cast Aluminium | |
| Effect. diaphragm diameter D | mm | 335 | |
| THIELE – SMALL PARAMETERS | | | |
| Resonance frequency | Fs | Hz | 40.0 |
| DC resistance | Re | Ohm | 5.90 |
| Mechanical Q factor | Qms | | 4.64 |
| Electrical Q factor | Qes | | 0.33 |
| Total Quality factor | Qts | | 0.30 |
| Equivalent volume | Vas | L | 155.8 |
| Moving mass | Mms | kg | 0.99 |
| Mechanical complience | Cms | mm/N | 0.160 |
| BL factor | BL | Tesla m | 20.50 |
| Effective piston area | Sd | $m^2$ | 0.0834 |
| Max. linear excursion | Xmax | mm | ± 3.5 |
| SPECIFICATIONS HIGH FREQUENCY | | | |
| Nominal impedance | Ohm | 8 | |
| Power handling AES | W | 60 | |
| Peak Power | W | 300 | |
| Sensitivity ( 1W/1m ) | dB | 112 | |
| Frequency range | Hz | 1200 - 20000 | |
| Recommended crossover | Hz | 1800 | |
| Voice coil diameter | mm | 38 (1.5") | |
| Magnet material | | Ceramic | |
| Fluchs density | T | 1.9 | |
| Voice coil material | Copper Clad Aluminium | | |
| Voice coil former | | Kapton™ | |
| Basket | | Cast Aluminium | |
| Diaphragm material | | Polyester | |

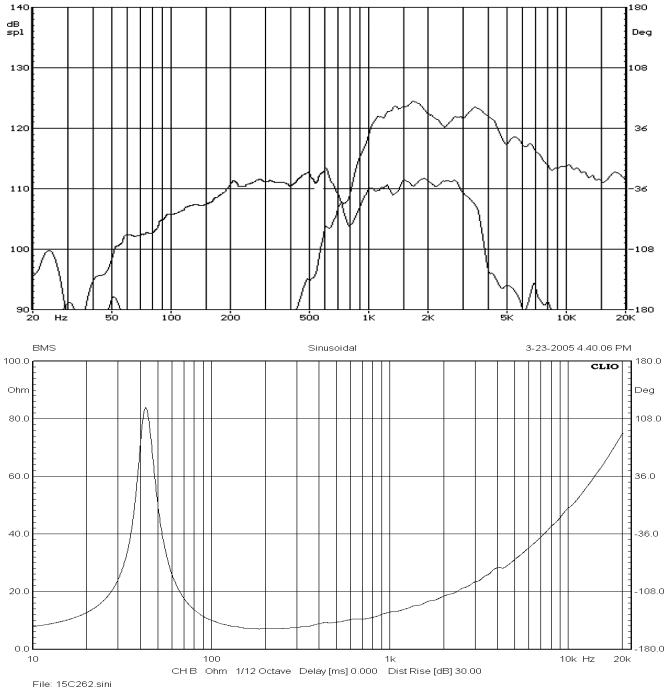
**Recommended reflex enclosure:**

65L/50Hz, -3dB=57Hz, BRD=130mm/143mm long

80L/48Hz, -3dB=52Hz, BRD=130mm/115mm long




Frequency response measured 10W (8.94V) at 1m in a closed enclosure of 50 litre.




| MOUNTING INFORMATION | | |
|---|---|---|
| Overall diameter | mm | 388 |
| Mounting holes diameter | mm | 8 x (7 x 8) |
| Bolt circle diameter | mm | 371 |
| Baffle cut-out diameter | mm | 358 |
| Overall depth | mm | 208 |
| Net weight | kg | 7.6 |