ROSSO-44CDN-PK

1" - 60W - 109dB - 80hm - VC 44.3mm

SAUDIENCE

- PEEK diaphragm
- Neodymium motor assembly
- Optimized cast aluminum rear chamber with damping
- High sensitivity
- Wide useful bandwidth
- Smooth frequency and impedance response
- Advanced voice coil with flat copper clad aluminum wire

Dimensions & Weight

| Throat Diameter | 25.4 mm (1 in) |
|------------------------------------|-------------------------|
| Overall Diameter | 100 mm (3.93 in) |
| 90° Mounting Holes Diameter (4xM6) | 76 mm (2.99 in) |
| Depth | 49.9 mm (1.96 in) |
| Net Weight | 1.34 kg (2.95 lb) |
| Shipping Box | 126 x 104 x 66 mm |
| | (4.96 x 4.09 x 2.59 in) |
| Gross Weight | 1.39 Kg (3.06 lb) |

Replacement Diaphragm

1P000OPSB029

NOTES :

Driver mounted on Horn H250

 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.

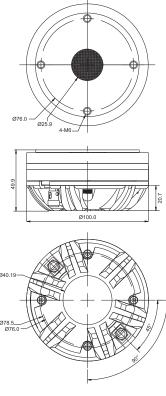
(2) Maximum power is defined as 3dB greater than nominal power.

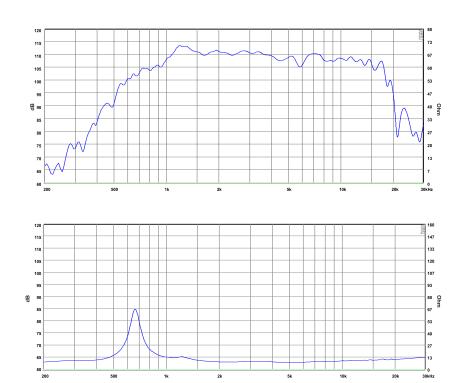
(3) Averaged within the frequency range (2kHz - 18kHz)



Specs :

| epoco i | |
|-------------------------------|----------------------------|
| Nominal Impedance | 8 Ohm |
| RDC | 6.2 Ohm |
| AES Power Handling (1) | 60 W |
| Maximum Power Handling (2) | 120 W |
| Sensitivity (1W/1m)(3) | 109 dB |
| Frequency Range | 700 - 20000 Hz |
| Recommended Crossover Fre | equency 1.8 kHz |
| Voice Coil Diameter | 44.3 mm (1.74 in) |
| Winding Material | Flat copper clad aluminium |
| Former Material | Kapton |
| Winding Depth | 2.3 mm (0.079 in) |
| Magnetic Gap Depth | 2.5 mm (0.09 in) |
| Diaphragm Material Poly | yether ether ketone (PEEK) |
| Flux Density | 1.85 T |
| Magnet | Neodymium |
| Demodulation | - |
| Phase Plug Design | Annular |
| Exit Angle | 13.69° conical |
| NET Air Volume filled by HF D | Driver 0.30 liters |
| | |





R.2 / 10.02.2022