beyma

PROFESSIONAL LOUDSPEAKERS

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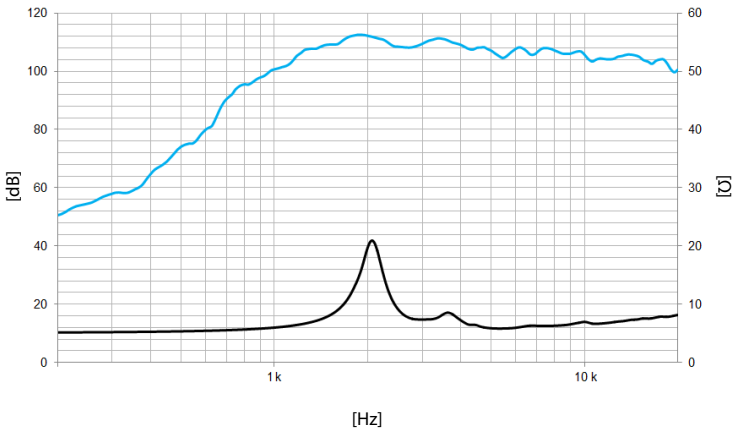
# CD1Nd

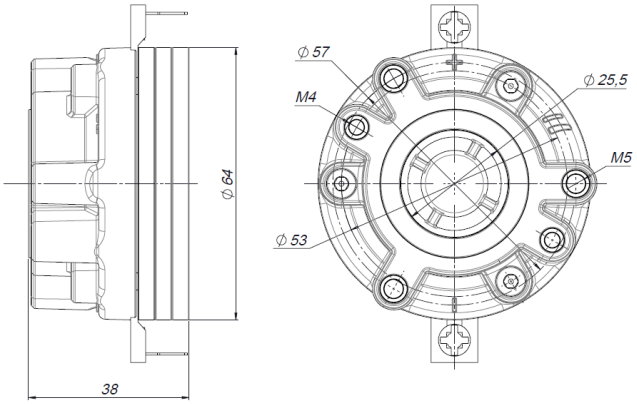
## COMPRESSION DRIVER

## KEY FEATURES

- 1” (25,4 mm) exit high frequency compression driver
- 1” (25,4) voice coil diameter
- 40 W program power above 2 kHz
- Sensitivity: 110 dB (1W / 1m)
- Polyamide diaphragm
- Ultra lightweight edgewound aluminium voice coil
- Ultra low weight neodymium motor structure
- Specially designed for compact size and high performance systems




**Note:** On axis frequency response measured coupled to TD-164 horn in anechoic chamber, 1W @ 1m




## TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| **Throat diameter** | 25,4 mm | 1 in |
| **Rated impedance** | | 8 Ω |
| **Minimum impedance** | | 5,8 Ω |
| **D.C. Resistance** | | 5,1 Ω |
| **Power capacity** [1] | | 20 $W_{AES}$ above 2 kHz |
| **Program power** [2] | | 40 W above 2 kHz |
| **Sensitivity** [3] | | 110 dB 1W / 1m @ $Z_N$ |
| | | coupled to TD-164 |
| **Frequency range** | | 1 - 20 kHz |
| **Recommended crossover** | | 2 kHz or higher |
| | | (12 dB/oct min) |
| **Voice coil diameter** | 25,4 mm | 1 in |
| **Flux density** | | 1,85 T |

## MOUNTING INFORMATION

| | | |
|---|---|---|
| **Overall diameter** | 64 mm | 2,52 in |
| **Depth** | 38 mm | 1,49 in |
| **Mounting** | Three M5 threaded holes, 120º apart | |
| | on 57 mm (2,24 in) diameter circle | |
| | Two M4 threaded holes, 180º apart | |
| | on 53 mm (2,08 in) diameter circle | |
| **Net weight** | 0,4 kg | 0,9 lb |
| **Shipping weight** | 0,5 kg | 1,1 lb |

**Notes**:

[1] The power capaticty is determined according to AES2-1984 (r2003) standard.

[2] Program power is defined as the transducer’s ability to handle normal music program material.

[3] Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 2 - 7 kHz

[4] Product designed by Acústica Beyma S.L.

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