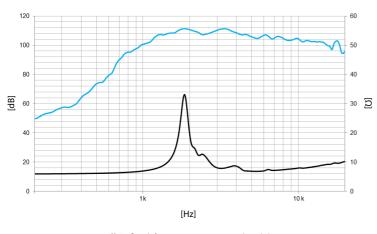


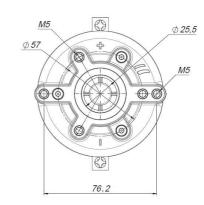
# CD1Fe COMPRESSION DRIVER Preliminary Data Sheet

# **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: 109 dB (1W / 1m)
- Polyamide diaphragm
- Ultra lightweight edgewound aluminium voice coil
- Low weight ferrite motor structure
- Specially designed for compact size and high performance systems



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### MOUNTING INFORMATION

Overall diameter Depth	85 mm 53 mm	3,34 in 2,09 in
Mounting	Three M5 threaded holes, 7	120° apart
	on 57 mm (2,24 in) diameter circle	
	Two M5 threaded holes, 180° apart	
	on 76,2 mm (3 in) diameter circle	
Net weight	0,8 kg	1,8 lb
Shipping weight	0,9 kg	2,0 lb

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	6,8 Ω	
D.C. Resistance	5,9 Ω	
Power capacity <sup>1</sup>	20 W <sub>AES</sub> above 2 kHz	
Program power <sup>2</sup>	40 W above 2 kHz	
Sensitivity <sup>3</sup>	109 dB 1W / 1m @ Z <sub>N</sub>	
	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	1,75 T	

#### Notes

<sup>1</sup> The power capaticty is determined according to AES2-1984 (r2003) standard.

- <sup>2</sup> Program power is defined as the transducer's ability to handle normal music program material.
- <sup>3</sup> Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 2 7 kHz

<sup>4</sup> Product designed by Acústica Beyma S.L.