

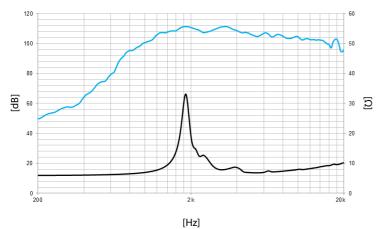
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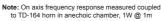
COMPRESSION DRIVER Preliminary Data Sheet

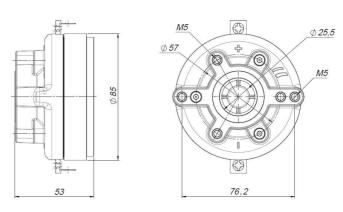
## **KEY FEATURES**

- 1" (25,4 mm) exit high frequency compression driver
- 1" (25,4) voice coil diameter
- 60 W program power above 2 kHz
- Sensitivity: 109 dB (1W / 1m)
- PEI polymer diaphragm
- Ultra lightweight edgewound aluminium voice coil
- · Low weight ferrite motor structure
- Specially designed for compact size and high performance systems









### **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*       | 30 W <sub>AES</sub> above 2 kHz |  |
| Program power         | 60 W above 2 kHz                |  |
| Sensitivity**         | 109 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          | 1,75 T                          |  |

### **MOUNTING INFORMATION**

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

#### Notes

<sup>\*</sup> The power capaticty is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

 $<sup>^{\</sup>star\star}$  Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 2 - 7 kHz