

**TECHNICAL SPECIFICATIONS**

<b>Throat diameter</b>	49 mm. 2 in.
<b>Rated impedance</b>	8 ohms.
<b>Minimum impedance</b>	6.9 ohms @ 3.3 kHz
<b>D.C. Resistance</b>	5.5 ohms.
<b>Power capacity *</b>	80 w AES above 1 kHz
<b>Program power</b>	160 w above 1 kHz
<b>Sensitivity **</b>	109 dB 1 w @ 1m coupled to TD-460N horn
<b>Frequency range</b>	0.5 - 18 kHz
<b>Recommended crossover</b>	0.8 kHz or higher (12 dB/oct. min.)
<b>Voice coil diameter</b>	72.2 mm. 2.84 in.
<b>Magnetic assembly weight</b>	4.1 kg. 9.02 lb.
<b>Flux density</b>	1.55 T
<b>BL factor</b>	8.8 N/A

**MOUNTING INFORMATION**

<b>Overall diameter</b>	156 mm. 6.14 in.
<b>Depth</b>	75 mm. 2.95 in.
<b>Mounting</b>	Four M6 threaded holes, 90° apart on 101.6 mm (4 in.) diameter circle. Mounting hardware is supplied.
<b>Net weight</b>	4.5 kg. 9.9 lb.
<b>Shipping weight</b>	5 kg. 11 lb.

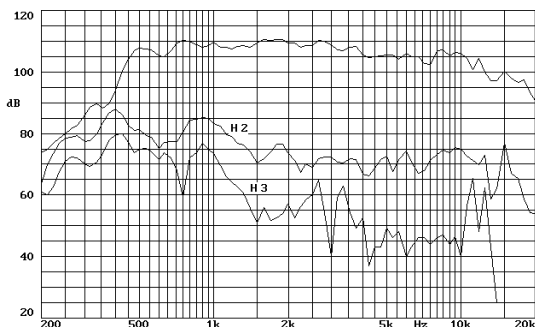
**MATERIALS**

- **Diaphragm:** titanium.
- **Voice coil:** edgewound aluminium ribbon.
- **Voice coil former:** polyimide.
- **Magnet:** ferrite.

**GENERAL DESCRIPTION**

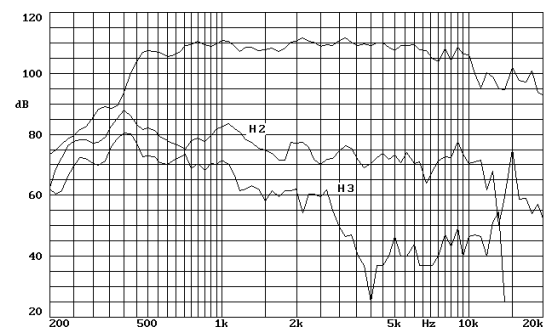
This 2" professional high quality compression driver features a composite diaphragm assembly. The mylar surround provides damping and avoids typical resonant peaks of metal surrounds. By the other hand, the pure titanium dome exhibits the unique mechanical properties of this material. The diaphragm is attached to a 3" edgewound aluminium ribbon voice coil, providing exceptional high acoustic pressure over an extremely wide frequency range. The use of a rim centred diaphragm allows field replacement without soldering.

**FREQUENCY RESPONSE AND DISTORTION CURVES**



Note: on axis frequency response measured coupled to TD-400N horn in anechoic chamber, 1w @ 1m.

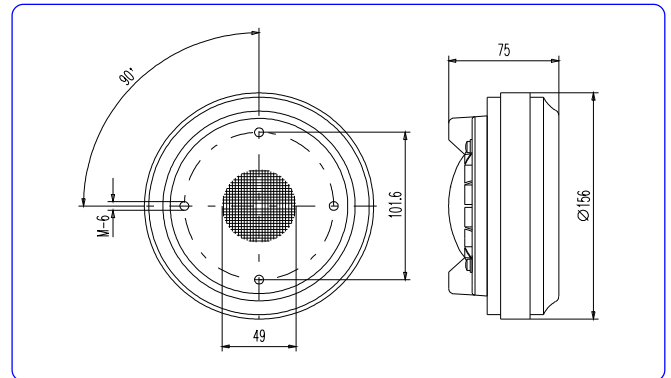
**FREQUENCY RESPONSE AND DISTORTION CURVES**



Note: on axis frequency response measured coupled to TD-460N horn in anechoic chamber, 1w @ 1m.



**DIMENSION DRAWINGS**



**Notes:**

\*The power capacity is determined according to AES2-1984 (r2003) standard.  
Program power is defined as the transducer's ability to handle normal music program material.  
\*\*Sensitivity was measured at 1 m distance, on axis, with 1 w input, averaged in the range 1-7 kHz.