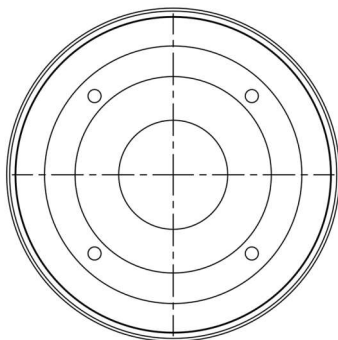
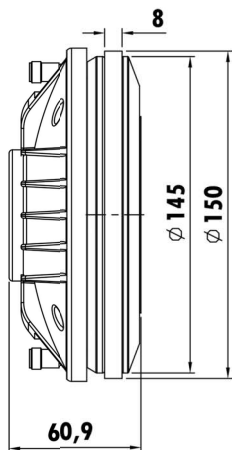


2" Exit  
4" CCAR Voice Coil, Kapton Former  
Titanium Diaphragm  
Neodymium Magnet Motor System  
Aluminum Rear Chamber  
Power Handling with 4th HP Filter @ 2000 Hz



Prototype

## T-S Parameters

|                               |                       |
|-------------------------------|-----------------------|
| Resonance frequency [fs]      | 480 Hz                |
| Mechanical Q factor [Qms]     | -                     |
| Electrical Q factor [Qes]     | -                     |
| Total Q factor [Qts]          | -                     |
| Force factor [Bl]             | - Tm                  |
| Mechanical resistance [Rms]   | - kg/s                |
| Moving mass [Mms]             | - g                   |
| Compliance [Cms]              | - mm/N                |
| Effective diaph. diameter [D] | 106 mm                |
| Effective piston area [Sd]    | 88.25 cm <sup>2</sup> |
| Equivalent volume [Vas]       | - l                   |
| Sensitivity (2.83V/1m)        | 109 dB                |
| Ratio Bl/√Re                  | - N/√W                |
| Ratio fs/Qts                  | - Hz                  |

## Electrical Data

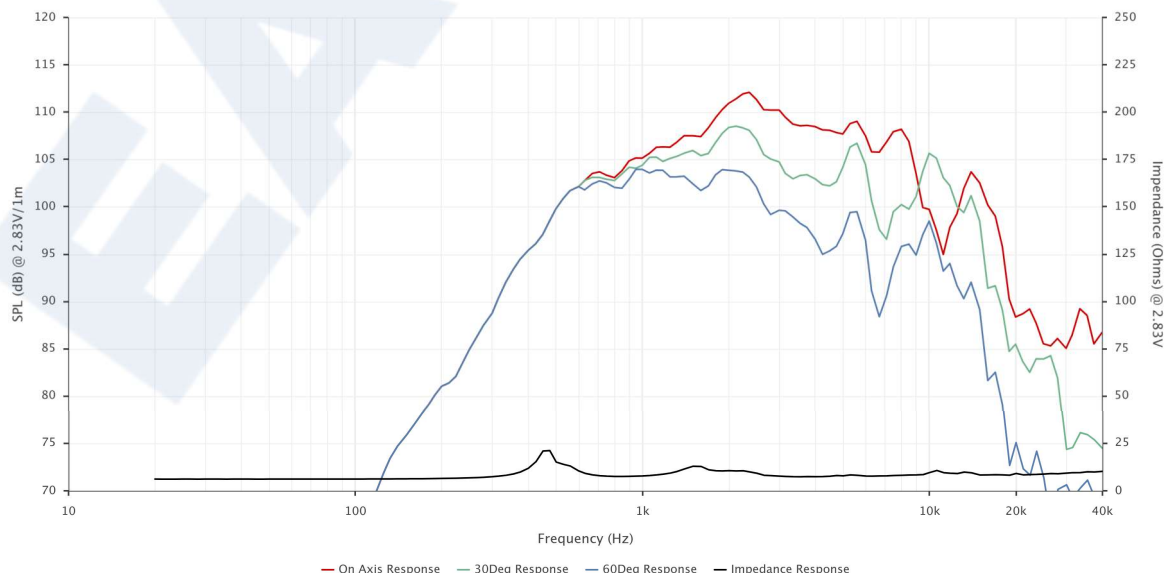
|                            |       |
|----------------------------|-------|
| Nominal impedance [Zn]     | 8 Ω   |
| Minimum impedance [Zmin]   | 7.4 Ω |
| Maximum impedance [Zo]     | 21 Ω  |
| DC resistance [Re]         | 6.1 Ω |
| Voice coil inductance [Le] | - mH  |

## Power Handling

|                                |       |
|--------------------------------|-------|
| 100h RMS noise test (IEC 18.4) | 100 W |
| Long-term max power (IEC 18.2) | 200 W |

## Voice Coil & Magnet Data

|                     |          |
|---------------------|----------|
| Voice coil diameter | 99.2 mm  |
| Voice coil height   | 2.6 mm   |
| Voice coil layers   | 1        |
| Height of gap       | 3 mm     |
| Linear excursion    | ± 0.2 mm |
| Max mech. excursion | ± - mm   |
| Unit weight         | 2.6 kg   |



EASTTECH HOLDING LIMITED, CO.