

● *Fullrange model: AUK600814-1780*

This 3.25 inch 6 ohm Fullrange driver, with 0.8 inch voice coil copper clad Aluminum wire, TiL former, damping glue coated glass fiber cone and rubber surround. It contains copper shorting cap on pole piece, which reduces coil inductance, thus providing both extended frequency response performance and reduced distortion. The TiL former, bottom plate and basket under damper are all vented hole so as to reduce air compression effects and aid cooling of the motor under high excursion conditions.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

| | |
|-------------------------------|----------------------|
| Resonance frequency [fs] | 119.7 Hz |
| Mechanical Q factor [Qms] | 3.715 |
| Electrical Q factor [Qes] | 1.59 |
| Total Q factor [Qts] | 1.11 |
| Force factor [Bl] | 2.91 Tm |
| Mechanical resistance [Rms] | 0.759 kg/s |
| Moving mass [Mms] | 3.75 g |
| Compliance [Cms] | 0.47 mm/N |
| Effective diaph. diameter [D] | 68 mm |
| Effective piston area [Sd] | 36.3 cm ² |
| Equivalent volume [Vas] | 0.88 l |
| Sensitivity (2.83V/1m) | 82 dB |
| Ratio Bl/√Re | 1.32 N/√W |
| Ratio fs/Qts | 107.8 Hz |

Electrical Data

| | |
|----------------------------|----------|
| Nominal impedance [Zn] | 6 Ω |
| Minimum impedance [Zmin] | 4.72 Ω |
| Maximum impedance [Zo] | 21.25 Ω |
| DC resistance [Re] | 4.8 Ω |
| Voice coil inductance [Le] | 0.075 mH |

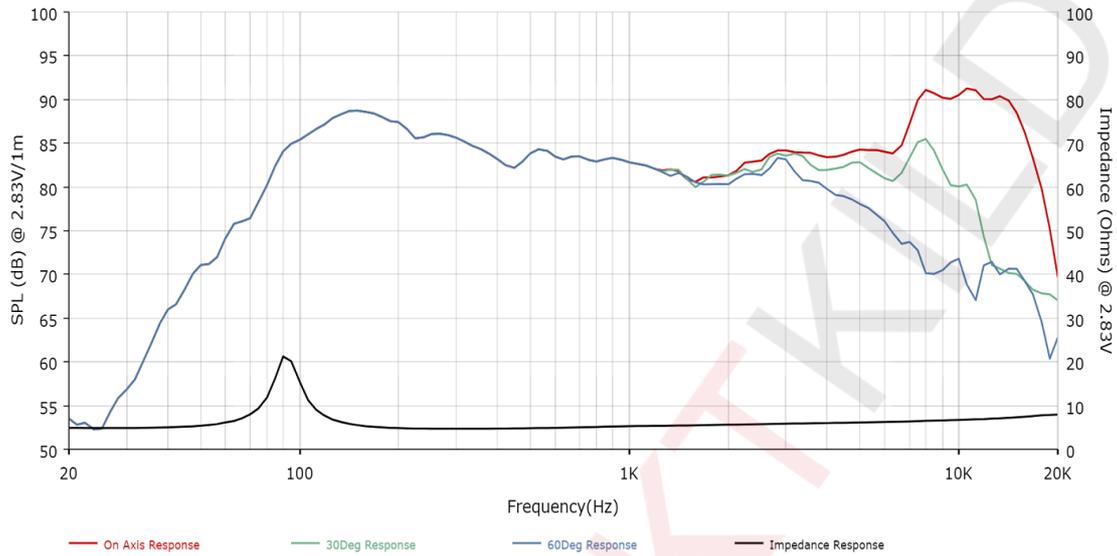
Power Handling

| | |
|--------------------------------|------|
| 100h RMS noise test (IEC 18.4) | 20 W |
| Long-term max power (IEC 18.2) | - W |

Voice Coil & Magnet Data

| | |
|---------------------|----------|
| Voice coil diameter | 20.32 mm |
| Voice coil height | 11.8 mm |
| Voice coil layers | 2//2 |
| Height of gap | 4 mm |
| Linear excursion | ± 3.9 mm |
| Max mech. excursion | ± 8.5 mm |
| Unit weight | 0.391 kg |

● Frequency Response / Impedance Curve:



● Transducer front and side images:

