

● *Woofer model: ASDWD1500-0300*

This 3.5 inch Woofer, The main design features include a mineral-filled steel basket, and a venting Dual Neodymium magnet motor system. Ferro-fluid cooled to further lowering the distortion level. Main cone body uses black Anodized Aluminium cone , with one piece Anodized Aluminium dust cap, which is directly couple to voice coil. This product is designed for portable and compact applications.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	116.3 Hz
Mechanical Q factor [Qms]	2.871
Electrical Q factor [Qes]	0.626
Total Q factor [Qts]	0.514
Force factor [Bl]	4.777 Tm
Mechanical resistance [Rms]	2.128 kg/s
Moving mass [Mms]	8.362 g
Compliance [Cms]	0.224 mm/N
Effective diaph. diameter [D]	72 mm
Effective piston area [Sd]	40.72 cm ²
Equivalent volume [Vas]	0.5255 l
Sensitivity (2.83V/1m)	85 dB
Ratio Bl/√Re	3.118 N/√W
Ratio fs/Qts	226.26 Hz

Electrical Data

Nominal impedance [Zn]	3 Ω
Minimum impedance [Zmin]	2.8 Ω
Maximum impedance [Zo]	14.57 Ω
DC resistance [Re]	2.34 Ω
Voice coil inductance [Le]	0.327 mH

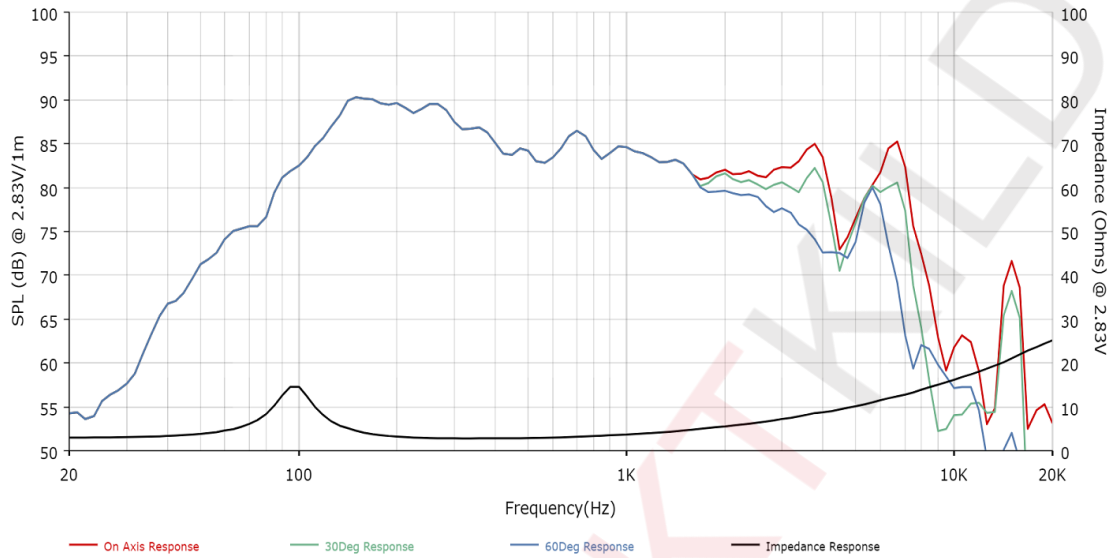
Power Handling

100h RMS noise test (IEC 18.4)	10 W
Long-term max power (IEC 18.2)	15 W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	11.5 mm
Voice coil layers	4
Height of gap	4 mm
Linear excursion	± 3.75 mm
Max mech. excursion	± 6.0 mm
Unit weight	0.16 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

