

● *Woofer model: ASDWD1500-0300*

This 3.5" woofer, main design features include a mineral-filled steel basket, and a venting Dual Neo magnet 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 <sup>2</sup>
Equivalent volume [Vas]	0.5255 l
Sensitivity (2.83V/1m)	86 dB
Ratio Bl/√Re	3.118 N/√W
Ratio fs/Qts	226.26 Hz

*Electrical Data*

Nominal impedance [Zn]	3 Ω
Minimum impedance [Zmin]	2.3 Ω
Maximum impedance [Zo]	22.34 Ω
DC resistance [Re]	2.34 Ω
Voice coil inductance [Le]	0.327 mH

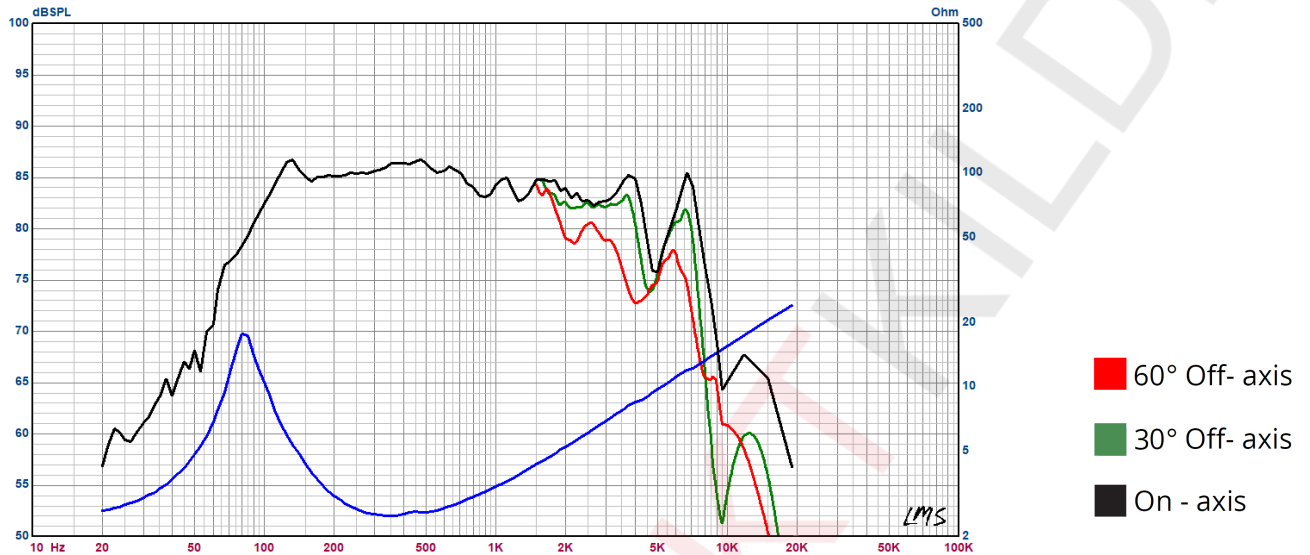
*Power Handling*

100h RMS noise test (IEC 17.1)	10 W
Long-term max power (IEC 17.3)	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	± - mm
Unit weight	0.16 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

