PUNKTKILDE®

Datasheet updated: 22-12-2020

Woofer model: ASDWD0001-0800

The ultimate 12 inch woofer driver have been newly designed by customized Aluminum frame with 3 inch CCAW voice coil, Special compo Carbon Pulp cone and Ferrite magnet motor system to provide great heavy bass sound quality. Woofer can handle RMS 300 Watt input with low THD. This woofer is the new benchmark for strong woofer taste audiences.

Transducer front and side images:

Specifications:

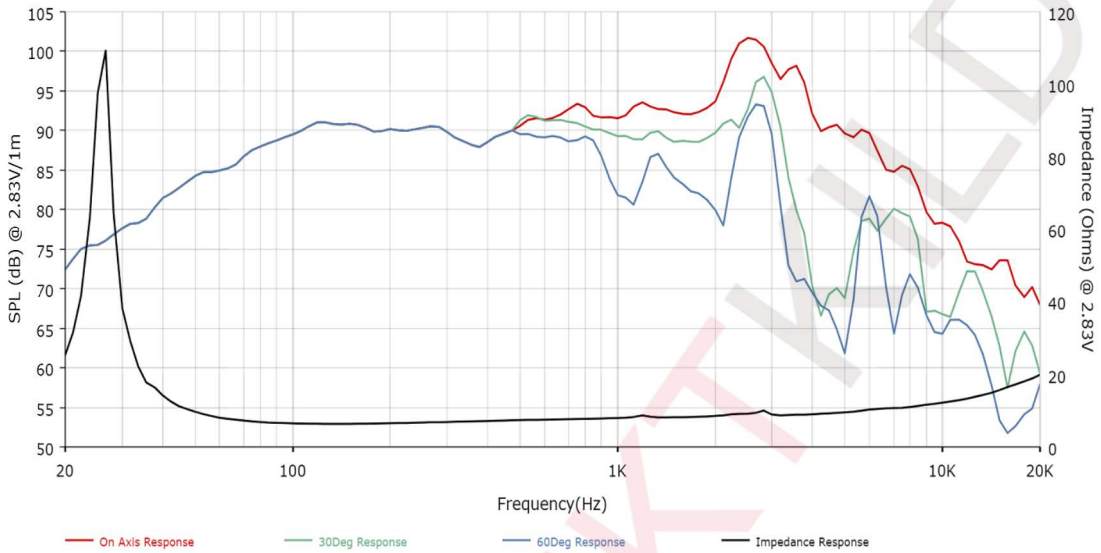
T-S Parameters	
Resonance frequency [fs]	26 Hz
Mechanical Q factor [Qms]	15.9
Electrical Q factor [Qes]	0.42
Total Q factor [Qts]	0.41
Force factor [Bl]	15.4 Tm
Mechanical resistance [Rms]	1.12 kg/s
Moving mass [Mms]	101.9 g
Compliance [Cms]	0.31 mm/N
Effective diaph. diameter [D]	25.8 mm
Effective piston area [Sd]	522.79 cm²
Equivalent volume [Vas]	122 l
Sensitivity (2.83V/1m)	91 dB
Ratio Bl/√Re	6.5 N/√W
Ratio fs/Qts	63 Hz

Electrical Data	
Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.4 Ω
Maximum impedance [Zo]	109 Ω
DC resistance [Re]	5.6 Ω
Voice coil inductance [Le]	0.26 mH

Power Handling	
100h RMS noise test (IEC 18.4)	300 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data	
Voice coil diameter	75.5 mm
Voice coil height	26 mm
Voice coil layers	1
Height of gap	13 mm
Linear excursion	± 6.5 mm
Max mech. excursion	± 21 mm
Unit weight	10 kg

Frequency Response / Impedance Curve:



Transducer front and side images: