

● *Compact model: ASDFL0001-0400*

This Fullrange 1.75 inch driver features 0.8 inch PESVW voice coil, special MYLAR material dust-cap, reversed rubber surround and Dual Neodymium Magnet motor system to extend the high frequency response up to 20KHz with low distortion (<3%). This optimum driver is in production for Premium speaker applications.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	162.8 Hz
Mechanical Q factor [Qms]	5.87
Electrical Q factor [Qes]	0.54
Total Q factor [Qts]	0.49
Force factor [Bl]	3.49 Tm
Mechanical resistance [Rms]	0.32 kg/s
Moving mass [Mms]	1.81 g
Compliance [Cms]	0.53 mm/N
Effective diaph. diameter [D]	37 mm
Effective piston area [Sd]	10.75 cm ²
Equivalent volume [Vas]	0.09 l
Sensitivity (2.83V/1m)	83 dB
Ratio Bl/√Re	1.79 N/√W
Ratio fs/Qts	332.2 Hz

Electrical Data

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.76 Ω
Maximum impedance [Zo]	34.56 Ω
DC resistance [Re]	3.8 Ω
Voice coil inductance [Le]	0.11 mH

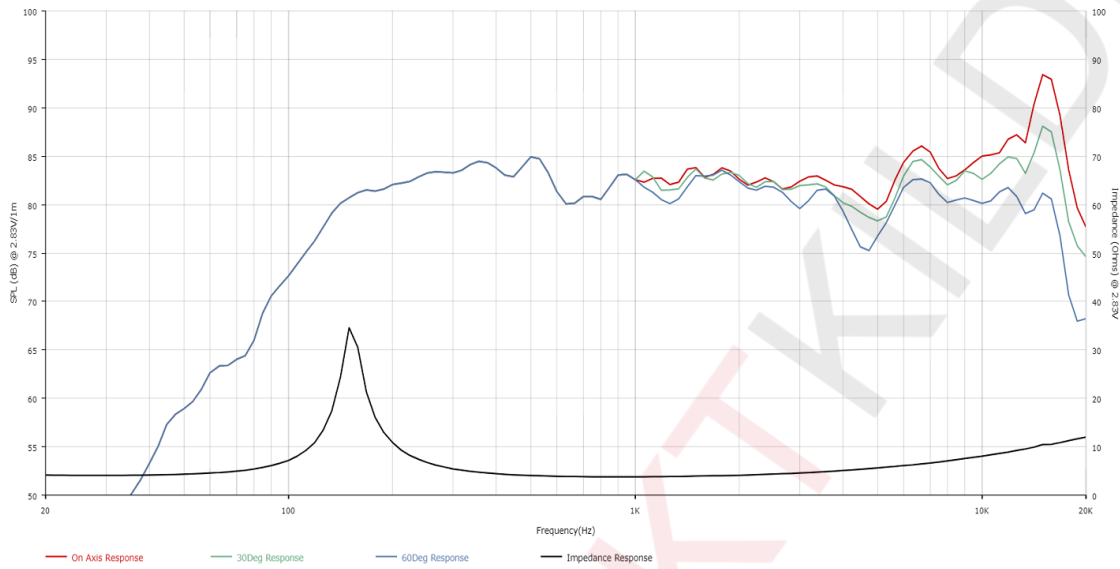
Power Handling

100h RMS noise test (IEC 18.4)	4 W
Long-term max power (IEC 18.2)	11 W

Voice Coil & Magnet Data

Voice coil diameter	19.4 mm
Voice coil height	6.1 mm
Voice coil layers	2
Height of gap	3 mm
Linear excursion	± 1.55 mm
Max mech. excursion	± 3.5 mm
Unit weight	0.065 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

