



FW166 midwoofer driver

Feature

- Optimized for auto audio
- Hard Aluminum cone
- 25mm voice coil
- Low distortion, fast transient

Specification		Magnet system	
Overall Dimension	D145*70.6mm	Magnet system type	ferrite
Net. Weight	1.215kg	Magnetic Gap Height	5.8mm
Nominal Power Handling	30W rms *	Flux Density	1 Telsa
Nominal Impedance	4 Ohm	BL product	4.827
Sensitivity 1W/1M	89dB	Max Linear Excursion	3.1mm -/-
Frequency Response	46-2.5KHz	T/S parameter	
Resonant Frequency	46Hz	Cms	1.02mm/N
Voice Coil		Sd	136.85cm <sup>2</sup>
Voice Coil Diameter	25mm	Vas	27.13 L
Voice Height	12mm	Mmd	11.02g
Voice Coil Former	Kapton	Mms	11.947g
Voice wire	Round copper	Qms	3.623
Number of Layers	2	Qes	0.499
DC Resistance	3.4 Ohm	Qts	0.439

\*IEC268-5 standard

## SPL vs Freq

