CAR AUDIO SYSTEMS

SXE12D2

Single Voice Coil Subwoofer 30 cm

Power Handling
500 Watts RMS / 1.000 Watts Max.

Technical Specifications

Impedance	Zn	2 + 2 Ohms
Voice Coil Diameter	Ø	50 mm
Voice Coil Winding Height		30 mm
Max. Linear Excursion	Xmax	+/- 11 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 22 mm
Cone Area	Sd	519 cm²
Moving Mass	Mms	170 g
DC Resistance	Re	2 + 2 Ohms
Resonance Frequency	Fs	28 Hz
Mechanical Q-Factor	Qms	2,78
Electrical Q-Factor	Qes	0,35
Total Q-Factor	Qts	0,31
Equivalent Air Volume	VAS	71,5 L
VC Inductance	Le	2,6 mH
Flux Density	B/L	18,6 N/A
Efficiency 1W/1m	SPL	89 dB

Recommended Enclosure

Bandpass Box

Sealed Volume:	26 L
Vented Volume:	32 L
Port Diameter:	2 x 100 mm
Port Area:	160 cm²
Port Length:	30 cm
Tuning Freq. (Fb):	57 Hz
-3 dB Rolloff (F3):	39 Hz

Recommended Enclosure

Ported Box

Vented Volume:	45 L
Port Diameter:	100 mm
Port Area:	80 cm²
Port Length:	29 cm
Tuning Freq. (Fb):	37 Hz
-3 dB Rolloff (F3):	35 Hz

Mechanical Components

- Diecast Aluminium Basket
- Non-pressed Paper Cone
- Rubber Surround
- Injected PP Dustcap
- Single Nomex Spider
- Dual Magnet 2 x 53 oz (3.005 g)
- Magnet Size: Ø156 x 40 mm
- Aluminium Voice Coil Former

Dimensions & Weight

External Diameter:	315 mm
Mounting Diameter:	282 mm
Mounting Depth:	150 mm
Shipping Weight:	8,2 kg





