MG12

Dual Voice Coil Subwoofer 30 cm

Power Handling
700 Watts RMS / 1400 Watts Max.

Technical Specifications

Impedance	Zn	2 x 2 Ohms
Voice Coil Diameter	Ø	76,5 mm
Voice Coil Winding Height		38 mm
Max. Linear Excursion	Xmax	+/- 14 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 22 mm
Cone Area	Sd	531 cm²
Moving Mass	Mms	174 g
DC Resistance	Re	2 x 1,8 Ohms
Resonance Frequency	Fs	30 Hz
Mechanical Q-Factor	Qms	3,28
Electrical Q-Factor	Qes	0,46
Total Q-Factor	Qts	0,4
Equivalent Air Volume	VAS	64 L
VC Inductance	Le	1,8 mH
Flux Density	B/L	16,1 N/A
Efficiency 1W/1m	SPL	87,5 dB

Recommended Enclosure

Sealed Box

Sealed Volume:	20 - 35 L
-3 dB Rolloff (F3):	49 Hz

Compact

Recommended Enclosure

Ported Box

Vented Volume:	50 L
Port Diameter:	100 mm
Port Area:	80 cm²
Port Length:	29 cm
Tuning Freq. (Fb):	35 Hz
-3 dB Rolloff (F3):	31 Hz

Deep Tuning

Mechanical Components

- Aluminium Basket
- Non-pressed Paper Cone
- Rubber Surround
- Injected PP Dustcap
- Dual Polycotton Spider
- Dual Magnet 2 x 60 oz (3.402 g)
- Magnet Size: Ø170 x 40 mm
- ASV Voice Coil Former

Dimensions & Weight

External Diameter:	324 mm
Mounting Diameter:	285 mm
Mounting Depth:	181 mm
Shipping Weight:	12,3 kg







Audio Design, Tel. 07253-9465-14, Fax 946510, eMail: boxes@audiodesign.de, Internet: www.audiodesign.de