MB12G301

MID-BASS



Description

High efficiency 12" mid-bass.
Very high sensitivity, excellent linearity and very low distortion. Voice coil construction, suspensions and cone materials designed to survive at 400 Watt RMS power.

Features

- 3-inch, fiberglass inside/outside copper voice coil
- 800W continuous program power handling
- 98 dB Sensitivity
- 50 Hz – 3 kHz Frequency range
- M-roll surround and exponential cone geometry

Part Number

11100017	MB12G301	8ohm

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TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter	12 inch / 305 mm
	Rated Impedance	8 ohm
	Program Power (watt)	800 W
	Power handling capacity	400 W
	Sensitivity	98.0 dB
	Frequency range	50 - 3000 Hz
	Effective piston diameter	260 mm / 10.24 inch
	Max. Excursion Before Damage	38 mm / 1.5 inch
	Minimum Impedance (ohm)	7.2 ohm
	Voice Coil Diameter	3.0 inch / 76 mm
	Voice Coil Winding Material	Aluminum
	Voice Coil Length	16 mm / 0.63 inch
	Number of layers	2
	Kind of layers	inside/outside
	Top Plate Thickness	4 mm / 0.16 inch
	Cone Design	Curved
	Surround Material	Polycotton
	Surround Design	M-roll
	Magnets	Ceramic
	Spider	Single
Thiele - small parameters	Resonance frequency (Fs)	53 Hz
	DC resistance (Re) (ohm)	5.40 ohm
	Mechanical factor	4.70 Qms
	Electrical factor	0.28 Qes
	Total factor	0.27 Qts
	Bl factor (Bl) (T x m)	17.00 T x m
	Effective moving mass (Mms)	48.0 g
	Equivalent Cas air loaded (Vas)	72.0 liters
	Effective piston area (Sd)	0.050 m2
	Max. linear excursion (Xmax)	6 mm
	Voice coil inductance @ 1kHz (Le1k)	0.70 mH
	Half-space efficency (Eff)	3.69%
Mounting information	Overall diameter	320 mm / 12.6 inches
	Bolt circle diameter	294-304 mm / 11.57-11.97 inch
	Bolt hole diameter	7 mm / 0.28 inch
	Front mount baffle cut-out	282 mm / 11.1 inch
	Rear mount baffle cut-out	284 mm / 11.18 inch
	Volume occupied by the driver	2.6 liters / 0.1 ft3
Standard compliance	Safety agency	CE compliant

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Size / Weight	Height	146 mm / 5.75 inches
	Diameter	320 mm / 12.6 inches
	Weight	7 kg / 15.43 lbs

Line Art 2D

