LF12G301

WOOFER



Description

High power 12" woofer.
Very good power handling, excellent and very low distortion. Copper voice coil construction, suspensions and cone materials designed to survive at 450Watt RMS power.

Features

› 3-inch, fiberglass inside/outside copper voice coil
› 900W continuous program power handling
› 97 dB Sensitivity
› 40 Hz – 2 kHz Frequency range
› M-roll surround and exponential cone geometry

Part Number

11100016	LF12G301	8ohm

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TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter	12 inch / 305 mm
	Rated Impedance	8 ohm
	Program Power (watt)	900 W
	Power handling capacity	450 W
	Sensitivity	97.0 dB
	Frequency range	40 - 2000 Hz
	Effective piston diameter	260 mm / 10.24 inch
	Max. Excursion Before Damage	36 mm / 1.42 inch
	Minimum Impedance (ohm)	7.2 ohm
	Voice Coil Diameter	3.0 inch / 76 mm
	Voice Coil Winding Material	Copper
	Voice Coil Length	19 mm / 0.75 inch
	Number of layers	2
	Kind of layers	inside/outside
	Top Plate Thickness	10 mm / 0.39 inch
	Cone Design	Curved
	Surround Material	Polycotton
	Surround Design	M-roll
	Magnets	Ceramic
	Spider	Single
Thiele - small parameters	Resonance frequency (Fs)	43 Hz
	DC resistance (Re) (ohm)	5.80 ohm
	Mechanical factor	4.60 Qms
	Electrical factor	0.23 Qes
	Total factor	0.22 Qts
	Bl factor (Bl) (T x m)	19.00 T x m
	Effective moving mass (Mms)	56.0 g
	Equivalent Cas air loaded (Vas)	97.0 liters
	Effective piston area (Sd)	56.000 m2
	Max. linear excursion (Xmax)	7 mm
	Voice coil inductance @ 1kHz (Le1k)	1.20 mH
	Half-space efficency (Eff)	3.23%
Mounting information	Overall diameter	320 mm / 12.6 inches
	Bolt circle diameter	293-304 mm / 11.54-11.97 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	140 mm / 5.51 inches
	Diameter	320 mm / 12.6 inches
	Weight	7 kg / 15.43 lbs

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Line Art 2D

