MB15N351

MID - BASS



Description

This MB15N351 is designed to provide an excellent linearity in the frequency response with low distortion. The transducer is built around a very stronger neodymium magnetic structure and a new 3,5” voice coil, this combination provides to increase the power handling especially in comparison a standard 3" voice coil. The unique Dual-forced air venting system guarantee a very efficient voice coil ventilation for minimize the power compression at the higher power handling.

Features

› 3.5-inch, inside/outside copper voice coil
› 1300W continuous program power handling
› 100 dB Sensitivity
› 40 Hz – 3 kHz Frequency range
› Dual-forced air ventilation for minimum power compression
› Dual spider design with silicon based dampening control

Part Number

11100025	MB15N351	8ohm

MB15N351

MID - BASS

TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter	15 inch / 381 mm
	Rated Impedance	8 ohm
	Program Power (watt)	1300 W
	Power handling capacity	650 W
	Sensitivity	100.0 dB
	Frequency range	40 - 3000 Hz
	Effective piston diameter	330 mm / 12.99 inch
	Max. Excursion Before Damage	39 mm / 1.54 inch
	Minimum Impedance (ohm)	6.8 ohm
	Voice Coil Diameter	3.5 inch / 89 mm
	Voice Coil Winding Material	Copper
	Voice Coil Length	17 mm / 0.67 inch
	Number of layers	2
	Kind of layers	inside/outside
	Top Plate Thickness	11 mm / 0.43 inch
	Cone Design	Curved
	Surround Material	Polycotton
	Surround Design	M-roll
	Magnets	Neodymium
	Dual-force air ventilation	Yes
	Spider	Dual with silicon based damping control
Thiele - small parameters	Resonance frequency (Fs)	42 Hz
	DC resistance (Re) (ohm)	5.60 ohm
	Mechanical factor	4.00 Qms
	Electrical factor	0.24 Qes
	Total factor	0.22 Qts
	Bl factor (Bl) (T x m)	22.50 T x m
	Effective moving mass (Mms)	80.0 g
	Equivalent Cas air loaded (Vas)	191.0 liters
	Effective piston area (Sd)	0.090 m2
	Max. linear excursion (Xmax)	6 mm
	Voice coil inductance @ 1kHz (Le1k)	1.65 mH
	Half-space efficency (Eff)	5.68%
Mounting information	Overall diameter	393 mm / 15.47 inches
	Bolt circle diameter	371-376 mm / 14.61-14.8 inch
	Bolt hole diameter	7 mm / 0.28 inch
	Front mount baffle cut-out	354 mm / 13.94 inch
	Rear mount baffle cut-out	354 mm / 13.94 inch
	Volume occupied by the driver	3.8 liters / 0.15 ft3
Standard compliance	Safety agency	CE compliant

MB15N351

MID - BASS

Size / Weight	Height	180 mm / 7.09 inches
	Diameter	393 mm / 15.47 inches
	Weight	5.16 kg / 11.38 lbs

Line Art 2D

