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Eighteensound 15MB606 8 Ohm - Zvučnik



Šifra: 07025
Kategorija prozivoda: 15 Inča
Proizvođač: Eighteensound

Cena: 25.080,00 rsd

15MB606 Very High Output MB Ferrite Driver

Key features

101 dB SPL 1W / 1m average sensitivity
75 mm (3 in) Interleaved Sandwich Voice coil (ISV)
400 W AES power handling
Excellent transient response and cone damping
Improved heat dissipation via unique basket design
Ideal for compact two way and multiway systems

The 15MB606 high output mid bass has been designed for use as a bass and low-midrange driver in tuned reflex enclosures, in 2-way systems. It combines high sensitivity (101dB 1W/1m) with high power handling capability.
The smooth textured curvilinear paper cone, in conjunction with the viscose dampened multiroll suspension, provides excellent cone dampening and excursion control.
The 75 mm Ø aluminum voice coil employs our Interleaved Sandwich Voice coil (ISV) technology, in which a high strength fiberglas former carries windings on the outer and inner surfaces to achieve a mass balanced coil. This results in an extremely linear motor assembly with a reduced tendency for eccentric behavior when driven hard. The low inductance coil results in improved transient response.
Excellent heat dissipation has been achieved by incorporating air channels in the basket design, between the basket and top plate. Maximum flux concentration and force factor in the gap are assured by the unique shape and design of the top and back plates, which was created using Magnetic Flux FEA CAD simulation.
A special treatment is applied to the top and the back plate which increases their resistance to the corrosive effects of salts and oxidization. This treatment is more effective than any other treatment in use today by other manufacturers.

GENERAL SPECIFICATIONS	
Nominal Diameter	380 mm (15 in)
Rated Impedance	8 Ohm
AES Power	400 W
Program Power (1)	600 W
Peak Power (2)	1200 W
Sensitivity (3)	101 dB
Frequency Range (4)	45 ÷ 4800 Hz
Power Compression @-10dB (5)	0,6 dB
Power Compression @-3dB	2,0 dB
Power Compression @Full Power	3,6 dB
Max Recomm. Frequency	2000 Hz
Recomm. Enclosure Volume	80 ÷ 140 lt. (2,85 ÷ 5 cuft)
Minimum Impedance	5,8 Ohm at 25°C
Max Peak To Peak Excursion	23 mm (0,88 in)
Voice Coil Diameter	75 mm (3 in)
Voice Coil Winding Material	aluminum
Suspension	Multiroll, Polycotton
Cone	Curvilinear Ribbed, Paper

THIELE SMALL PARAMETERS (6)	
Fs	43 Hz
Re	5 Ohm
Sd	0,085 sq.mt. (131,75 sq.in.)
Qms	6,2
Qes	0,37
Qts	0,35
Vas	223 lt. (7,88 cuft)
Mms	63 gr. (0,14 lb)
BL	15,1 Tm
Linear Mathematical Xmax (7)	± 4,5 mm (± 0,18 in)
Le (1kHz)	1,3 mH
Ref. Efficiency 1W@1m (half space)	98,8 dB

MOUNTING INFORMATIONS	
Overall diameter	387 mm (15,23 in)
N. of mounting holes	8
Mounting holes diameter	7,15 mm (0,28 in)
Bolt circle diameter	370 - 371 mm (14,55 - 14,6 in)
Front mount baffle cutout ø	353 mm (13,90 in)
Rear mount baffle cutout ø	357 mm (14,06 in)
Total depth	171,5 mm (6,75 in)
Flange and gasket thickness	19,5 mm (0,76 in)
Net weight	6,9 kg (15,23 lb)
Shipping weight	8 kg (17,66 lb)
CardBoard Packaging dimensions	405 x 405 x 214 mm (15,94 x 15,94 x 8,43 in)

FREQUENCY RESPONSE CURVE OF 15MB606 MADE ON 125 LIT. ENCLOSURE TUNED 50HZ IN FREE FIELD (4PI) ENVIRONMENT. ENCLOSURE CLOSES THE REAR OF THE DRIVER. THE THIN LINE REPRESENTS 45 DEG. OFF AXIS FREQUENCY RESPONSE

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.