MID BASS

FXE 6-1.5

INTERNAL REF. 722300

KEY FEATURES

200 Watt Max Power

38 mm (1,5 in) voice coil, aluminium wire

Interleaved sandwich voice coil

Weather protected membrane for outdoor use

Ventilated magnet circuit for improved heat dissipation



MECHANICAL & SHIPPING INFORMATIONS

Net weight	3 Kg
Overall Diameter	165 mm
Overall Depth	83 mm
Baffle Cut Diameter	147 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	154.5 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Aluminium
Cone Material	Doped paper
Cone Shape	Exponential
Surround Material	Doped Nomex fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex fabric
Magnet Type	Ferrite
Magnet Weight	810 g

GENERAL SPECIFICATIONS

Nominal Diameter	6 in - 160 mm
Nominal Impendance	8 Ohm
Nominal Rdc	5.5 Ohm
Power handling (AES) (*)	100 Watt
Max Power	200 Watt
Minimum Impedance	7.08 Ohm
Frequency Range	80 ÷ 5000 Hz
Voice Coil Diameter	1.5 in - 38 mm
S.P.L. (1w, 1m)	93 dB
Nominal Fs	100 Hz
Flux Density	1.25 T
Sinusoidal Test Voltage	11 V

(*) Life Test	
Box Volume	*14 litres*
Input Signal	*Pink noise*
Band Pass Filter	*80 - 5000 Hz, 12 dB/oct*
Test duration	*2 hours*

THIELE-SMALL PARAMETERS

Qms	9.37
Qes	0.51
Qts	0.49
Fs	99.60 Hz
Re	5.66 Ohm
Mms	14.34 g
Cms	0.18 mm/N
Bl	9.96 T*m
Sd	134.78 cm²
Vas	4.54 liter
u0	0.84 %
XMax	6 mm
Le	0.51 mH
Rms	0.96 Kg/s
Efficiency Bandwidth	194.53

Air gap height= mm 8
Winding height=mm 16

DIAGRAM

Frequency Response	Reflex Box (14 litres) - 2.83 V - 1m
Impendance	(Iac=10m A)

