MID RANGE

6.38 MR3

INTERNAL REF. 639401

KEY FEATURES

200 Watt Max Power

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

Ferrite magnet assembly

16 Ohm available



MECHANICAL & SHIPPING INFORMATIONS

Net weight	2.8 kg
Overall Diameter	165 mm
Overall Depth	76 mm
Baffle Cut Diameter	143 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	157 mm

MATERIALS

Frame Material	Steel
Voice Coil Former Material	Aluminium
Voice Coil Wire	Aluminium
Cone Material	Paper
Cone Shape	Exponential
Surround Material	Doped Foam
Surround Shape	Flat
Suspension Material	Doped Nomex ® fabric
Magnet Type	Ferrite
Magnet Weight	810 g

GENERAL SPECIFICATIONS

Nominal Diameter	6 in - 160 mm
Nominal Impendance	8.00 Ohm
Nominal Rdc	5.5 Ohm
Power handling (AES) (*)	100 Watt
Max Power	200 Watt
Minimum Impedance	7.6 Ohm
Frequency Range	500 ÷ 5000 Hz
Voice Coil Diameter	1.5 in - 38 mm
S.P.L. (1w, 1m)	102 dB
Nominal Fs	300 Hz
Flux Density	1.4 T
Sinusoidal Test Voltage	6 V

(*) Life Test	
Box Volume	*5 litres*
Input Signal	*Pink noise*
Band Pass Filter	*200 - 2000 Hz, 12 dB/oc*
Test duration	*2 hours*

THIELE-SMALL PARAMETERS

Qms	1.35
Qes	0.53
Qts	0.38
Fs	302.05 Hz
Re	5.21 Ohm
Mms	6.37 g
Cms	0.00004361 m/N
Bl	10.93 Wb/m
Sd	0.014103 m²
Vas	0.00122 m³
u0	6.10 %
XMax	0.25 mm
Le	0.23 mH

Air gap height = mm 7
Winding height = mm 7,5

DIAGRAM

Frequency Response	Reflex Box 5 litres - 2.83 V - 1m
Impendance	(Iac=10m A)

