

# 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



## GENERAL

Nominal Diameter	6" - 160 mm	
Nominal Impedance	8,00 Ohm	
Nominal Rdc	5,5 Ohm	±0,4 Ohm
Power handling (AES) (*)	100 Watt	
Max Power	200 Watt	
Voice Coil Diameter	38 mm	1,50 in
S.P.L. (1w, 1m)	102 dB	±1,5 dB
Nominal Fs	300 Hz	±30 Hz
Flux Density	1,4 T	±0,08 T
Frequency Range	500-5000 Hz	

### (\*) Life Test

Box Volume	14 liters
Input Signal	Pink noise
Band Pass Filter	200-2000 Hz, 12dB/oc
V on Speaker	28 V
Test duration	2 hours

## MECHANICAL DATA

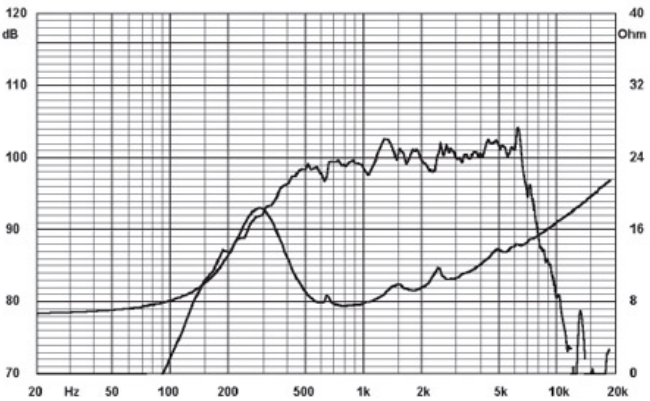
Weight	2,8 kg
Overall Diameter	165 mm
Overall Depth	76 mm
Baffle Cut Diameter	143 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	157 mm

## MATERIALS

Frame Material	Steel
Voice Coil Former	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

## DIAGRAM

Frequency Response	Reflex Box 14 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)



## 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