

KEY FEATURES

- 800 Watt Max Power
- 75 mm (3 in) voice coil, aluminium wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved heat dissipation



MECHANICAL & SHIPPING INFORMATIONS

Net weight	4.7 kg
Overall Diameter	266 mm
Overall Depth	133 mm
Baffle Cut Diameter	235 mm
Mounting holes number	8
Mounting holes diameter	6 mm
Mounting bolt diameter	253 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Fiberglass
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex ® fabric
Surround Shape	Three waves
Suspension Material	Doped Nomex ® fabric
Magnet Type	Neodymium
Magnet Weight	310 g

GENERAL SPECIFICATIONS

Nominal Diameter	10 in - 250 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6.6 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Minimum Impedance	8.29 Ohm
Frequency Range	60 ÷ 3000 Hz
Voice Coil Diameter	3 in - 75 mm
S.P.L. (1w, 1m)	95 dB
Nominal Fs	65 Hz
Flux Density	1.3 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	40 liters
Input Signal	Pink noise
Band Pass Filter	20 - 2000Hz, 12dB/oc
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	11.52
Qes	0.36
Qts	0.35
Fs	67.00 Hz
Re	6.80 Ohm
Mms	48.11 g
Cms	0.12 mm/N
Bl	19.65 T*m
Sd	355.00 cm ²
Vas	20.74 liter
u0	1.69 %
XMax	7.5 mm
Le	0.79 mH
Rms	1.76 Kg/s
Efficiency Bandwidth	187.85

Air gap height = mm 10
Winding height = mm 20

DIAGRAM

Frequency Response	Reflex Box 40 dmc - 2.83 V - 1m
Impedance	(Iac=10m A)

