6.32 ER

INTERNAL REF. 557329

KEY FEATURES

150 Watt Max Power

32 mm (1.3 in) voice coil, copper wire

Ferrite magnet assembly

MECHANICAL & SHIPPING INFORMATIONS

Net weight	1.625 kg
Overall Diameter	170 mm
Overall Depth	80 mm
Baffle Cut Diameter	142 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	158 mm

MATERIALS

Frame Material	Steel
Voice Coil Former Material	Aluminium
Voice Coil Wire	Copper
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	545 g

GENERAL SPECIFICATIONS

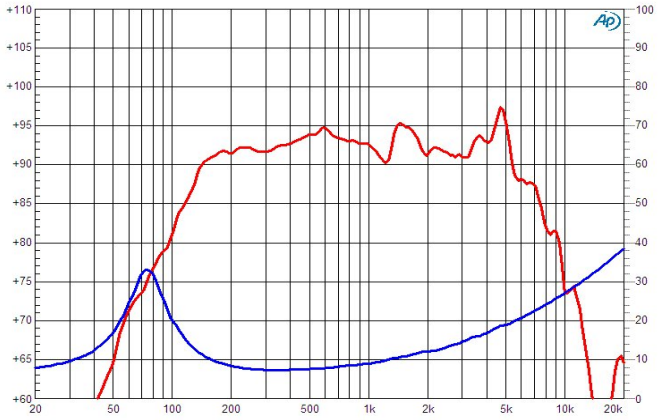
Nominal Diameter	6 in - 160 mm
Nominal Impendance	8 Ohm
Nominal Rdc	6.4 Ohm
Power handling (AES) (*)	75 Watt
Max Power	150 Watt
Minimum Impedance	6.63 Ohm
Frequency Range	90 ÷ 8000 Hz
Voice Coil Diameter	1.3 in - 32 mm
S.P.L. (1w, 1m)	94 dB
Nominal Fs	85 Hz
Flux Density	1.2 T
Sinusoidal Test Voltage	6 V

(*) Life Test	
Box Volume	*5 litres*
Input Signal	*Pink noise*
Band Pass Filter	*50 - 500 Hz, 12 dB/oct*
Test duration	*2 hours*

THIELE-SMALL PARAMETERS

Qms	1.85
Qes	0.43
Qts	0.35
Fs	83.55 Hz
Re	6.4 Ohm
Mms	9.16 g
Cms	0.00039628 m/N
Bl	8.5 Wb/m
Sd	0.013273 m²
Vas	0.00981 m³
u0	1.29 %
XMax	3 mm
Le	0.55 mH

Air gap height = mm 6
Winding height = mm 12

DIAGRAM

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