

Efficient NEODYMIUM MAGNET Structure  
3.5" INSIDE/OUTSIDE Copper Voice Coil

**600**  
Watts  
RMS

**1200**  
Watts  
PROGRAMME  
POWER

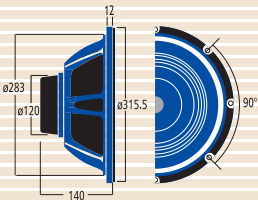
**HIGH** Power  
Efficiency



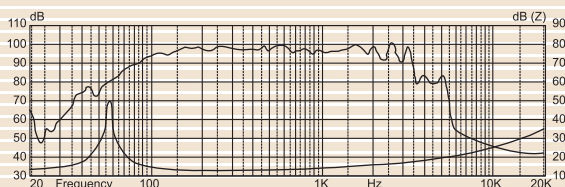
### Features

- High power Neodymium speaker for a variety of bass and mid range applications.
- Robust aluminium die-cast frame with heavy duty push terminals.
- 8.90 cm (3.5") Copper I/O voice coil wound on Glass Fibre former to withstand high temperature.
- Ideal for usage in a wide variety of high power professional full range speaker systems and line array speaker systems.

### Dimensions



### Frequency Response Curve



### Specifications

ELECTRO MECHANICAL	
Power Rating	: 600W RMS
Nominal Diameter	: 305mm (12")
Nominal Impedance	: 16Ω
Sensitivity (1W/1m)	: 97dB
THIELE SMALL PARAMETERS	
Resonant Frequency (Fs)	: 58Hz
DC Resistance (Re)	: 14.52Ω
Electromagnetic Q (Qes)	: 0.45
Mechanical Q (Qms)	: 11.9
Total Q (Qts)	: 0.43
Compliance Equiv. Vol. (VAS)	: 50 Litr
Surface Area of Cone (Sd)	: 564cm <sup>2</sup>
Reference Efficiency (ηo)	: 2.11%
Voice Coil	: 3.5"
Overhang (Xmax)	: 7.0mm
Moving Mass (Mms)	: 66.25gm
BL Product (BL)	: 25.41TM
Coil Inductance (Le)	: 2.07mH
MOUNTING INFORMATION	
Overall Diameter	: 315.50 mm
Depth	: 140 mm
Baffle Hole Diameter	: 283 mm
Bolt Mount Diameter (PCD)	: 299 mm (8 Bolts)
Weight	: 4.00kg Approx.

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