PRECISION DEVICES
MADE IN ENGLAND

PDN.15BR40

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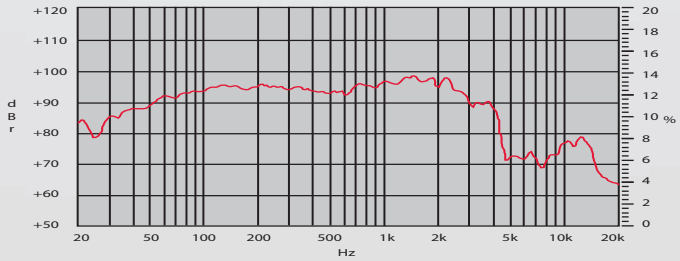
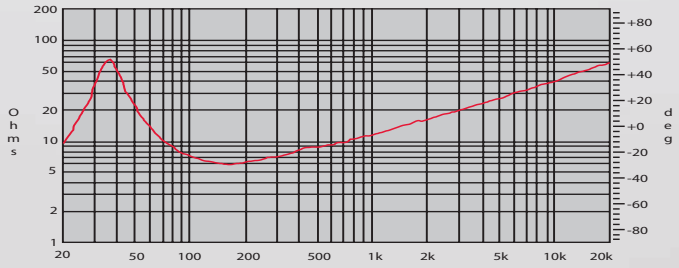
FREQUENCY RESPONSE DATA:



IMPEDANCE:



Half space response measured in a 975 Litre sealed box.
Please note that frequency response measurements are supplied for comparison purposes only and are not a measure of the low frequency performance which may be achievable in a fully optimised system.

The ultimate 15" transducer choice for no compromise bass reflex applications in which the light weight benefits of neodymium offer substantial advantages over a conventional ceramic magnet assembly.

A smooth extended mid range to allow easy crossover integration makes this a perfect transducer for applications including studio monitors and high quality AV.

The impressive Xmax ensures that control is maintained at low frequencies. Use of neodymium technology ensures that this is achieved in an extremely lightweight design.

- Heavy duty 15" cast aluminium frame with extra wide flange for increased rigidity
- Bass/Bass-Mid
- Field replaceable magnet
- 700 WRMS
- 4" copper voice coil assembly
- Neodymium magnet
- Net Weight: 7.8kg

SPECIFICATIONS

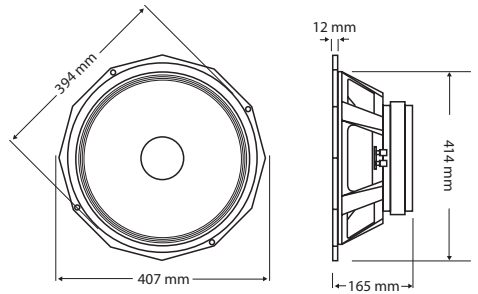
Nominal Diameter	38 cm (15")
Voice Coil Diameter	101 mm (4")
Nominal impedance	8 Ohms
Power Rating	700 Watts (AES)
Sensitivity (1W/1M)	96 dB
Frequency Range	40Hz - 2.5 KHz
Recommended Enclosure Volume	75-200 Litres
Displacement Limit (peak-peak)	34 mm (1.33")
Resonance	35 Hz
Voice Coil	Copper
Voice Coil Winding Depth	25 mm (1.0")
Magnet Gap Depth	9 mm (0.36")
Magnet Material	Neodymium
Flux Density	1.37 T
Dust Dome Material	Paper
Suspension Material	Fabric
Cone / Surround Material	Paper/Cloth

THIELE SMALL PARAMETERS

Fs	35.678 Hz
Re	5.106 Ohms
Qts	0.338
Qms	5.727
Qes	0.359
Vas	224.800 Litres
Mms	90.949 g
Sd	855.35 cm2
Cms	218.797 µM/N
BL	16.836 T/m
Xmax	10.5 mm
Vd	0.898 Litres
Reference Efficiency	2.74 %

MOUNTING AND SHIPPING INFORMATION

Fixing Holes	x 6 Fixing Holes M6 x 8 Concealed M6
Nett Weight	7.8 Kg (18.74 lb.)
Shipping Weight	9.0 Kg (19.84 lb.)



1. AES Standard (50 to 500 Hz) Program 1400 Watts
2. AES Recommended Practice.
3. Thiele - Small Parameters follow a 700 Watt preconditioning period.