

- 99 dB SPL 1W / 1m average sensitivity
- 75 mm (3 in) Interleaved Sandwich Voice coil (ISV)
- 600W program power handling
- High force neodymium magnet assembly
- Weather protected cone for outdoor usage
- Ideal for compact reflex subwoofer and reflex multiway systems

The 15ND730 transducer has been designed to meet market demand for high output woofers, capable of providing deep bottom-end in bandpass, horns or small reflex enclosures. The level of distortion is kept very low within its application range.

The 15ND730 is suitable for high loading enclosures, such as subwoofers or 2-way system reflex enclosures when coupled with a 1.4" - 2" compression driver.

The neodymium magnet assembly developed by Eighteen Sound engineers assures high flux concentration, low power compression and excellent heat exchange, since the external magnet configuration is considerably more efficient than traditional under-pole magnet topology. This results in high levels of force factor and power handling with an optimum power to weight ratio.

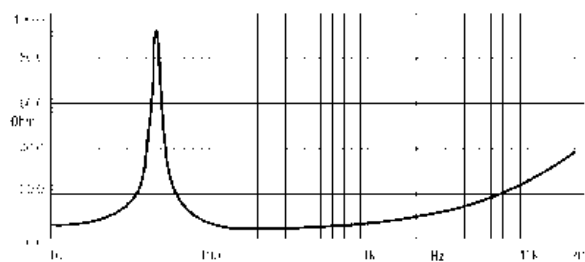
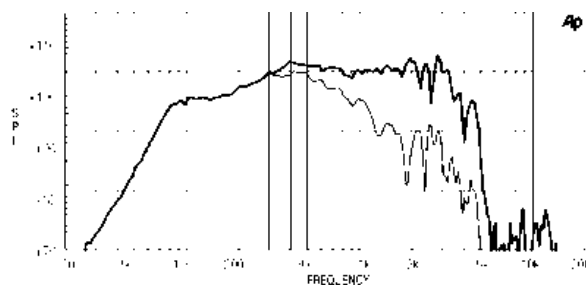
A single demodulating ring, appropriately positioned in the magnetic circuit, allows a further flux modulation reduction, keeping overall distortions at a low level when driven hard.

The deep profile curvilinear cone, created from a special high strength wood pulp has been designed to achieve the best possible linearity within its frequency range. The cone surround, made from a linen material is highly resistant to aging and fatigue. The in-house developed cone treatment is fully water repellent and also gives a significant degree of rigidity to the cone.

The 75 mm Interleaved Sandwich Voice coil (ISV) assembly is wound on a strong fiberglass former which improves force transmission and thermal power handling.

The four threaded backplate holes allow the final user the possibility to insert an external-customized heatsink if further heat dissipation is required.

A special coating applied to both the top and back plates makes the 15ND730 far more resistant to the corrosive effects of salts and oxidization.



ESPECIFICACIÓN

Diámetro nominal	380 mm (in)
Impedancia nominal	8 Ω
Manejo de potencia nominal	400 W
Manejo de potencia continua	600 W
Sensibilidad	99.0 dB
Rango de frecuencia	44 - 4000 Hz
Diámetro de la bobina	75 mm (3.0 in)

DISEÑO

Recinto recomendado	100.0 dm ³ (3.53 ft ³)
Sintonía recomendada	50 Hz

PARÁMETROS

Frecuencia de resonancia	44 Hz
Re	5.5 Ω
Qes	0.3
Qms	8.1
Qts	0.29
Vas	156.0 dm ³ (5.51 ft ³)
Sd	900.0 cm ² (139.5 in ²)
Xmax	6.5 mm
Mms	86.0 g
Bl	21.0 Txm
Le	1.35 mH
EBP	146 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	387 mm (15.24 in)
Diámetro de circunferencia de los tornillos	370 mm (14.57 in)
Diámetro de la perforación en el baffle	353.0 mm (13.9 in)
Profundidad	169 mm (6.65 in)
Espesor del reborde y junta	11 mm (0.43 in)
Peso neto	3.9 kg (8.6 lb)
Peso del envío	4.8 kg (lb)
Caja de envío	405x405x214 mm (15.94x15.94x8.43 in)