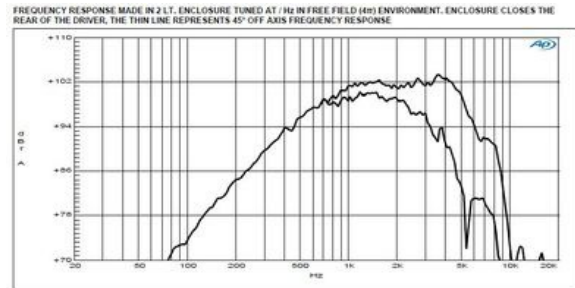
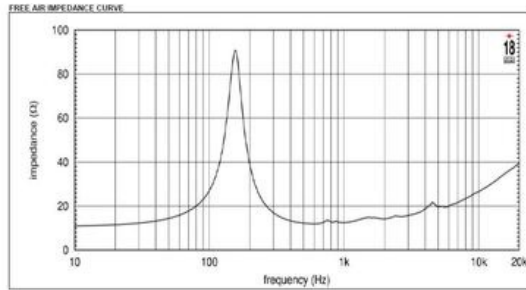




- 100,5 dB SPL 1W / 1m average sensitivity
- 45 mm (1,77 in) edgewound aluminum voice coil
- 180 WAES power handling
- Neodymium motor assembly
- Extremely high sound quality
- Very shallow profile, 58 mm (2,3 in)
- Suitable for horn and direct radiation midrange applications

The 6ND410 is a very high output, state-of-the-art midrange product for high quality professional use. The high level of sound quality has been achieved thanks to extensive research by Eighteen Sound engineers which focused on implementing mid frequencies intelligibility. The 6ND410 can be used as a midrange in both horn and direct radiation, closed or reflex enclosures, as small as 2 liters. The extremely powerful external neodymium magnet assembly assures high flux concentration, low power compression and excellent heat exchange. Consequently, the levels of force factor and power handling are at a top professional level with an optimum power to weight ratio. A consistent heat transfer is guaranteed by the encapsulation of the magnetic structure in the interior of the basket, offering a large contact space between the back plate and the dissipating structure. The curvilinear cone-surround, has been created using computer aided vibrational modelling software to move all undesired bell modes out of the usable frequency range. The 45 mm edge-wound voice coil assembly and terminals have been designed to minimise the moving mass while reinforcing force transmission. The 3 threaded back plate holes give the final user the opportunity to insert an external customised heat sink, if further heat dissipation is required. A proprietary humidity-block cone treatment makes the transducer suitable for outdoor use in adverse weather conditions. In addition, a special coating applied to both the top and back plates makes the 6ND410 far more resistant to the corrosive effects of salts and oxidization.



ESPECIFICACIÓN

Diámetro nominal	152 mm (in)
Impedancia nominal	16 Ω
Impedancia mínima	12.0 Ω
Manejo de potencia nominal	180 W
Manejo de potencia continua	240 W
Sensibilidad	102.0 dB
Rango de frecuencia	200 - 8000 Hz
Diámetro de la bobina	44 mm (1.75 in)
Material de la bobina	aluminum

DISEÑO

Recinto recomendado	3.0 dm ³ (0.11 ft ³)
---------------------	---

PARÁMETROS

Frecuencia de resonancia	149 Hz
Re	10.6 Ω
Qes	0.55
Qms	4.14
Qts	0.48
Vas	6.2 dm ³ (0.22 ft ³)
Sd	143.0 cm ² (22.17 in ²)
Xmax	2.0 mm
Mms	8.8 g
Bl	13.0 Txm
Le	0.14 mH
EBP	270 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	162 mm (6.38 in)
Diámetro de circunferencia de los tornillos	170 mm (6.69 in)
Diámetro de la perforación en el baffle	148.0 mm (5.83 in)
Profundidad	60 mm (2.36 in)
Espesor del reborde y junta	9 mm (0.35 in)
Peso neto	1.25 kg (2.76 lb)
Peso del envío	1.35 kg (2.98 lb)
Caja de envío	185x170x85 mm (7.28x6.69x3.35 in)