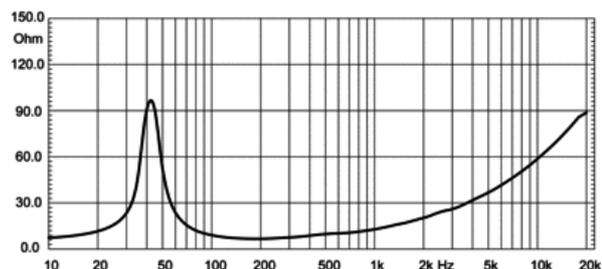
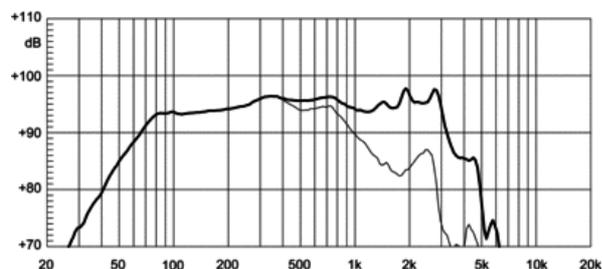


- 96 dB SPL 1W/ 1m average sensitivity
- 75 mm (3 in) edgewound copper voice coil
- 500 WAES power handling
- Double Silicon Spider (DSS) for improved excursion control and linearity
- Single Demodulating Ring (SDR) for lower distortion
- High excursion damped rubber roll surround
- Suitable for outdoor applications
- Ideal for compact subwoofer use

The 15NW530 low frequency neodymium transducer has been specifically developed for high power, low distortion, compact subwoofer applications. The transducer finds its main application on compact vented subwoofers as small as 75 lit. properly tuned, but it is suitable also in bandpass or horn loaded applications. The neodymium magnet assembly 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. The transducer incorporates Eighteen Sound exclusive DSS technology (Double Silicon Spider) in combination with a single roll highly damped rubber surround. The already low distortion and sound quality are further improved by properly positioned Single Demodulating Ring (SDR technology) that flatten impedance and phase with a constant power transfer. The 75mm edge-wound state-of-the-art voice coil assembly is wound on a strong fibreglas former to improve force transmission and power handling. 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 in-house developed cone treatment is a humidity repellent and significantly dampens bell mode resonances. A special coating applied to both the top and back plates makes the 15NW530 far more resistant to the corrosive effects of salts and oxidization.



ESPECIFICACIÓN

Diámetro nominal	380 mm (in)
Impedancia nominal	8 Ω
Impedancia mínima	6.3 Ω
Manejo de potencia nominal	500 W
Manejo de potencia continua	800 W
Sensibilidad	96.0 dB
Rango de frecuencia	47 - 3500 Hz
Diámetro de la bobina	75 mm (3.0 in)
Material de la bobina	copper

DISEÑO

Recinto recomendado	100.0 dm ³ (3.53 ft ³)
Sintonía recomendada	43 Hz

PARÁMETROS

Frecuencia de resonancia	43 Hz
Re	5.3 Ω
Qes	0.35
Qms	5.81
Qts	0.33
Vas	154.0 dm ³ (5.44 ft ³)
Sd	855.0 cm ² (132.53 in ²)
Xmax	7.5 mm
Mms	135.0 g
Bl	22.0 Txm
Le	1.4 mH
EBP	122 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	4.4 kg (9.7 lb)
Peso del envío	5.5 kg (12.13 lb)
Caja de envío	405 x 405 x 214 mm (15.94x15.94x8.43 in)