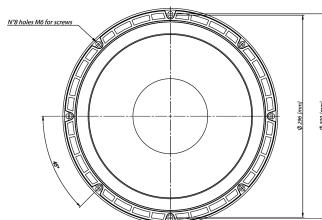
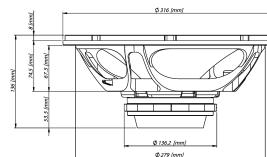


**12NW530** 8Ω

Altavoces LF - 12.0 Inches

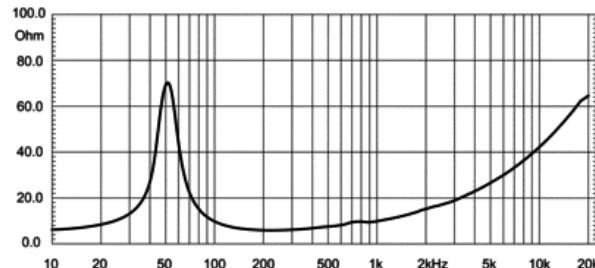
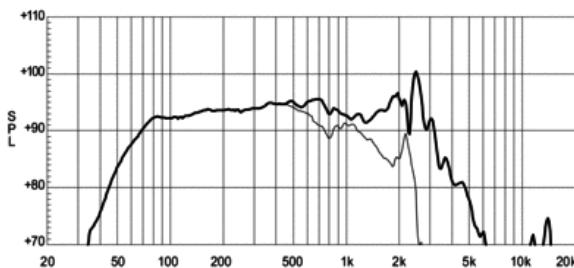


- 96 dB SPL 1W / 1m average sensitivity
- 75 mm (3 in) ISV voice coil
- 500 W AES power handling
- External neodymium magnet assembly
- Double Silicon Spider (DSS) for improved excursion control and linearity
- Single Demodulating Ring (SDR) for lower distortion
- High excursion damped rubber roll surround
- Specific for compact subwoofer usage

The 12NW530 low frequency neodymium transducer has been specifically developed for high power, low distortion, very compact subwoofer applications. The transducer finds its main application on compact vented subwoofers as small as 40 liters. 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 state-of-the-art Interleaved Sandwich Voice coil (ISV) copper wire voice coil provides high levels of thermal stability and durability. The transducer incorporates Eighteen Sound DSS technology (Double Silicon Spider), in combination with a single roll highly damped surround, that has been designed to provide symmetric large signal behaviour throughout the whole working range, providing low harmonic distortion at different excitation levels. The already low distortion and sound quality are further improved by properly positioned Single Demodulating Ring (SDR), that flattens impedance and phase curves helping a constant power transfer from the amplifier. The deep profile curvilinear cone, created from a special high strength wood pulp, has been designed to achieve the best possible linearity. The humidity repellent cone treatment significantly dampens bell mode resonances. A special coating applied to both the top and back plates makes the 12NW530 far more resistant to the corrosive effects of salts and oxidization.

**12NW530** 8Ω

Altavoces LF - 12.0 Inches



ESPECIFICACIÓN

Diámetro nominal	300 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	48 - 3200 Hz
Diámetro de la bobina	75 mm (3.0 in)
Material de la bobina	copper

PARÁMETROS

Frecuencia de resonancia	55 Hz
Re	4.9 Ω
Qes	0.38
Qms	9.7
Qts	0.37
Vas	36.0 dm ³ (1.27 ft ³)
Sd	530.0 cm ² (82.15 in ²)
Xmax	8.0 mm
Mms	93.0 g
Bl	19.7 Txm
Le	0.9 mH
EBP	144 Hz

DISEÑO

Recinto recomendado	50.0 dm ³ (1.77 ft ³)
Sintonía recomendada	55 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	315 mm (12.4 in)
Diámetro de circunferencia de los tornillos	296 mm (11.65 in)
Diámetro de la perforación en el baffle	282.0 mm (11.1 in)
Profundidad	136 mm (5.35 in)
Espesor del reborde y junta	11 mm (0.43 in)
Peso neto	4.0 kg (8.82 lb)
Peso del envío	4.8 kg (lb)
Caja de envío	332 x 332 x 184 mm (13.07x13.07x7.24 in)