

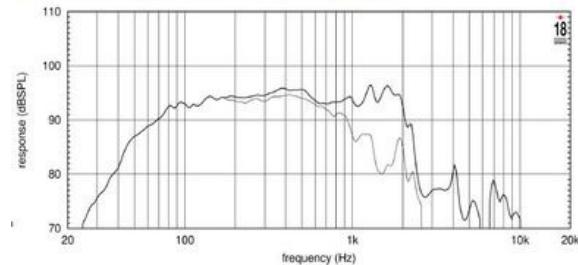


- 97 dB SPL 1W / 1m average sensitivity
- 100 mm (4 in) Interleaved Sandwich Voice coil (ISV)
- 1200W AES power handling
- Fiberglass reinforced water repellent treated cone
- Double Silicon Spider (DSS) for improved excursion control and linearity
- High grade neodymium magnet assembly
- Improved heat dissipation via multiple back-plate vents
- Ideal for 60 to 130 lt subwoofer cabinets

The 15NLW9401 is a 15" neodymium extended low frequency loudspeaker with 100mm (4in) diameter voice coil. It has been designed for use as a low bass or subwoofer component in either a more compact reflex, bandpass or horn loaded configuration. It provides clean, linear, undistorted low frequency reproduction at very high power levels. In its reflex configuration, it can be used in extremely compact enclosures (60 - 130 lt) with tuning frequency as low as 45 Hz. The high grade neodymium magnet assembly assures high flux concentration, low power compression and excellent heat exchange, resulting in high levels of force factor and power handling with an optimum power to weight ratio. The high excursion capabilities of the surround and suspension system, in conjunction with the Double Silicon Spider (DSS), enable the 15NLW9401 to achieve high levels of linear travel and maintain full control of the moving mass. The 15NLW9401 features a dedicated fiberglass reinforced water repellent treated cone, showing a high damping mode behaviour. The suspension system provides symmetric large signal characteristics throughout the whole working range, providing low harmonic distortion at different excitation levels. The 100mm (4in) 4-layers Interleaved Sandwich Voice coil (ISV) provides high levels of thermal stability and durability. The weight of the windings are evenly distributed, providing a uniform motive drive. This, in conjunction with the use of high temperature resistant adhesives, results in an extremely linear motor assembly. The 15NLW9401 ability to perform properly under inclement weather conditions has been achieved using a special coating applied to metal plates.

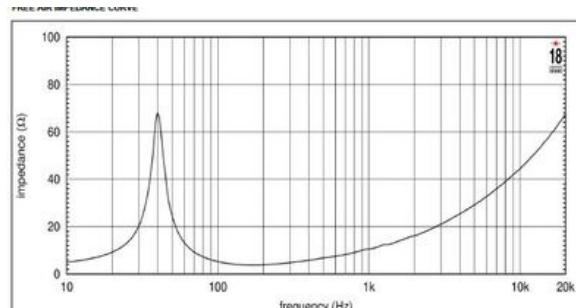


FREQUENCY RESPONSE MADE IN 125 LT. ENCLOSURE TUNED AT 50 Hz IN FREE FIELD (An) ENVIRONMENT. ENCLOSURE CLOSES THE REAR OF THE DRIVER, THE THIN LINE REPRESENTS 45° OFF AXIS FREQUENCY RESPONSE.



15NLW9401 4Ω

Altavoces LF - 15.0 Inches



ESPECIFICACIÓN

Diámetro nominal	380 mm (in)
Impedancia nominal	4 Ω
Impedancia mínima	3.8 Ω
Manejo de potencia nominal	1200 W
Manejo de potencia continua	2400 W
Sensibilidad	97.5 dB
Rango de frecuencia	37 - 2300 Hz
Diámetro de la bobina	100 mm (4.0 in)
Material de la bobina	copper

PARÁMETROS

Frecuencia de resonancia	40 Hz
Re	2.8 Ω
Qes	0.26
Qms	6.14
Qts	0.25
Vas	114.0 dm ³ (4.03 ft ³)
Sd	850.0 cm ² (131.75 in ²)
Xmax	10.0 mm
Mms	150.0 g
Bl	20.0 Txm
Le	1.23 mH
EBP	153 Hz

DISEÑO

Recinto recomendado	110.0 dm ³ (3.88 ft ³)
Sintonía recomendada	45 Hz

INFORMACIÓN DE MONTAJE Y ENVÍO

Diámetro total	393 mm (15.47 in)
Diámetro de circunferencia de los tornillos	371 mm (14.61 in)
Diámetro de la perforación en el baffle	354.0 mm (13.94 in)
Profundidad	180 mm (7.09 in)
Espesor del reborde y junta	12 mm (0.47 in)
Peso neto	7.5 kg (16.53 lb)
Peso del envío	8.5 kg (18.74 lb)
Caja de envío	405x405x214 mm (15.94x15.94x8.43 in)