

# NSD4015N

## HF Neodymium Driver

111 dB 1W / 1m average sensitivity  
 1,5 inch exit throat  
 4 inch edgewound aluminium voice coil  
 320W max. program power rating  
 True Piston Motion TiN coated titanium diaphragm  
 Copper ring reduces inductance modulation distortion and increases high frequency output  
 Ultra high precision diaphragm centering system for improved performances and lifespan  
 BEM optimized 4-slot metal alloy phase-plug  
 Available also in 1.4" and 2" exit versions



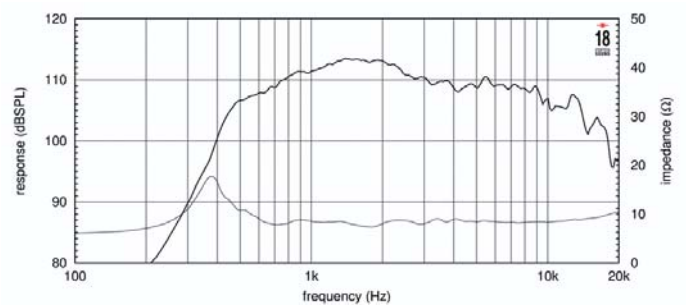
### GENERAL SPECIFICATIONS

Throat Diameter	39 mm (1,5 in)
Rated Impedance	8 Ohm
DC Resistance	6,0 Ohm
Minimum Impedance	9,2 Ohm
Le (at 1kHz)	N/A
Sensitivity (3)	111 dB
Frequency Range	800 Hz - 20 kHz
Diaphragm Material	Nitride Coated Titanium
Voice Coil Diameter	100 mm (4 in)
Voice Coil Winding Material	Edge-wound aluminum
Magnet Material	Neodymium
Flux Density	2 T
BL Factor	17 Tm
Polarity	Positive voltage on red terminal gives positive pressure in the throat

### MOUNTING INFORMATION

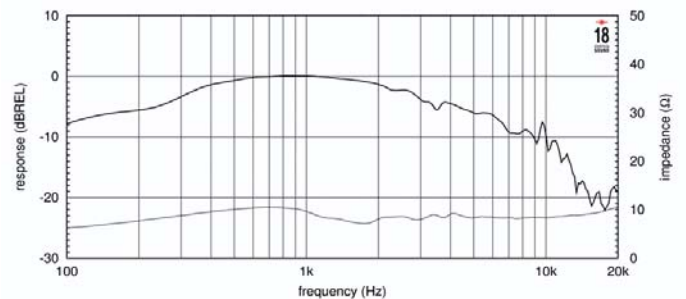
Overall diameter	150 mm (6 in)
N. of mounting holes and bolt	4 M6 holes 90° at Ø102 mm (4 in)
Bolt circle diameter	102 - 114,7 mm(4 - 4.52 in)
Total depth	57 mm (2,2 in)
Net weight	3.2 Kg (7 lb)
Shipping weight	3.6 Kg (8.1 lb)
CardBoard Packaging dimensions	170 x 170 x 80 mm (6,69 x 6,69 x 3,15 in)

### FREQUENCY RESPONSE CURVE



FREQUENCY RESPONSE MEASURED WITH 2.83 V INPUT AT 1 METER DISTANCE ON CENTRAL FORWARD AXIS FROM THE MOUTH OF XR1564 HORN. THIN LINE REPRESENTS IMPEDANCE MEASURED IN SAME CONDITIONS.

### FREE AIR IMPEDANCE MAGNITUDE CURVE



FREQUENCY RESPONSE MEASURED WITH 77.5 mV INPUT ON CENTRAL FORWARD AXIS IN A PLANE WAVE TUBE. THIN LINE REPRESENTS IMPEDANCE MEASURED IN SAME CONDITIONS.

### NOTES

- 1) Sensitivity represent the averaged value of acoustic output as measured on the central forward axis of a XR1564 horn, at a distance 1 m from horn mouth, when connected to 2,83 V sine wave swept between 1000-4000 Hz
- 2) Sensitivity represent the averaged value of acoustic output as measured on the central forward axis of a XR1564 horn, at a distance 1 m from horn mouth, when connected to 2,83 V sine wave swept between 1000-4000 Hz
- 3) Minimum Crossover frequency requires at least 12 dB oct slope high pass filter