

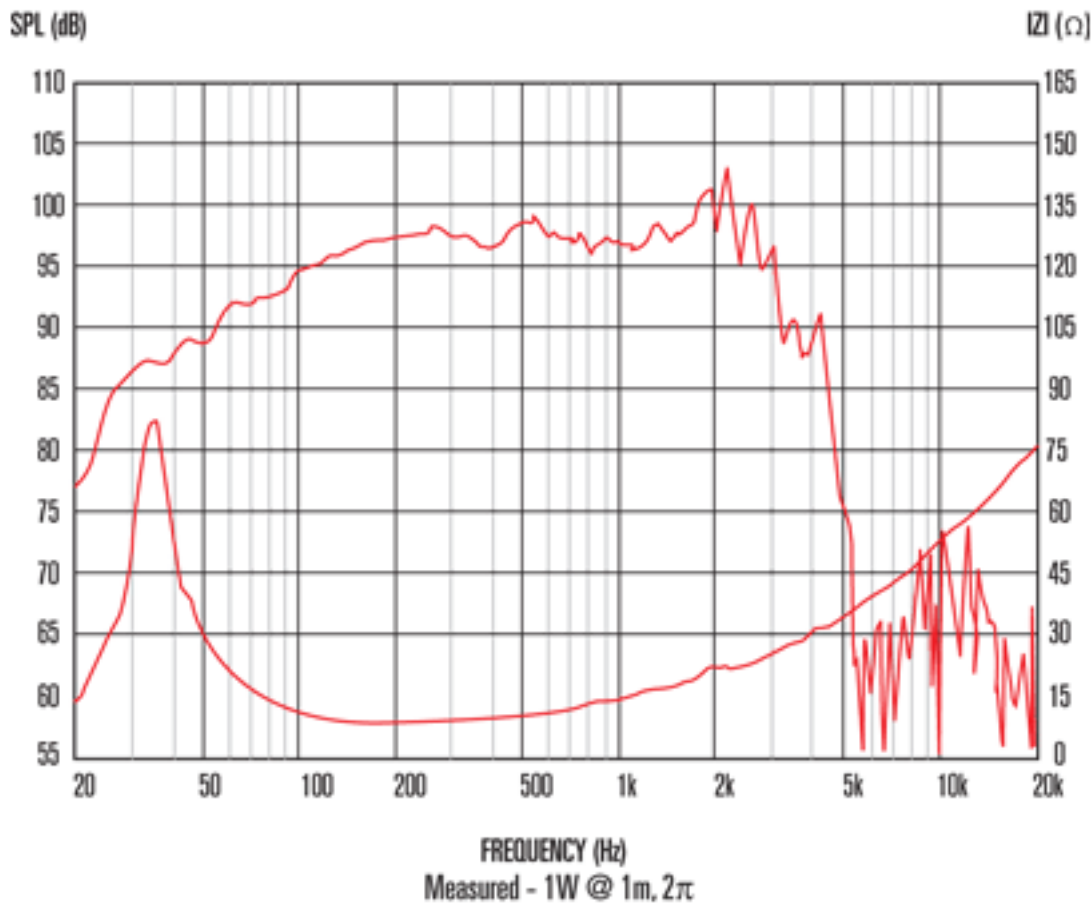
NTR15-3018E



Features

- Coated glass-loaded cone for enhanced weather resistance
- Vented magnet assembly for more efficient cooling
- Compact, high flux, Dual Magnet Motor design

8 Frequency Response



1. Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.
2. Continuous Power Rating is defined as 3dB greater than the AES rating
3. Measured on axis at 1W, 1m in 2¹ anechoic environment.
4. X_{max} derived from: (voice coil winding width-gap depth)/2.
5. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	381mm/15in
Power rating ¹	450Wrms
Continuous power rating ²	900W
Nominal impedance	8
Sensitivity ³	98dB
Frequency range	30-3,000Hz
Voice coil diameter	75mm/3in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Edgewound copper
Former material	Glass fibre
Cone material	Glass loaded paper with weather-resistant coating
Surround material	Cloth-sealed
Suspension	Single
X _{max} ³	5mm/0.20in
X _{max} ⁴	5mm/0.2in
Gap depth	10mm/0.39in
Voice coil winding width	20mm/0.79in

Small Signal Parameters

D	0.33m/12.9in
F _s	34.9Hz
M _{ms}	104.12g/3.674oz
Q _{ms}	4.863
Q _{es}	0.301
M _{md}	83.09g/2.93oz
Q _{ts}	0.283
R _e	5.85
V _{as}	207.27l/7.32ft ³
B _l	21.07Tm
C _{ms}	0.2mm/N
R _{ms}	4.69Kg/s
L _e (at 1kHz)	1.18mH

Mounting Information

Overall diameter	386mm/15.2in
Overall depth	162mm/6.38in
Cut-out diameter	351mm/13.8in
Mounting slot dimensions	10mm x 7mm/0.4in x 0.27in
Number of mounting slots	8
Mounting slot PCD range	367-373mm/14.4-14.7in
Unit weight	4.0kg/8.8lb

Packed Dimensions & Weight

Single pack size W x D x H	435mm x 435mm x 200mm /17.1in x 17.1in x 7.9in
Single pack weight	5.0kg/11lb
Multi pack size W x D x H	1200mm x 1000mm x 980mm /47.2in x 39.4in x 38.6in
Multi pack weight	166kg/365lb