

LF Cast Chassis / Neo

NTR15-3018E



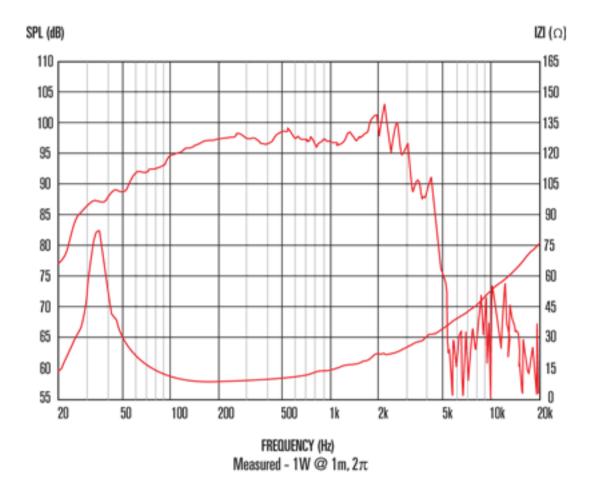




Features

- 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



- 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
- Measured on axis at 1W, 1m in 2Î anechoic environment.
- 4. Xmax 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 900W Continuous power rating ² 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 Xmax 3 5mm/0.20in Xmax 4 5mm/0.2in Gap depth 10mm/0.39in Voice coil winding width 20mm/0.79in

Small Signal Parameters

D	0.33m/12.9in
Fs	34.9Hz
Mms	104.12g/3.674oz
Qms	4.863
Qes	0.301
Mmd	83.09g/2.93oz
Qts	0.283
Re	5.85
Vas	207.27I/7.32ft3
BI	21.07Tm
Cms	0.2mm/N
Rms	4.69Kg/s
Le (at 1kHz)	1.18mH

Mounting Information

Overall diameter386mm/15.2inOverall depth162mm/6.38inCut-out diameter351mm/13.8inMounting slot dimensions10mm x 7mm/0.4in x 0.27inNumber of mounting slots8Mounting slot PCD range367-373mm/14.4-14.7inUnit weight4.0kg/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



Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom