

NTR12-3018D (Legacy)

12-inch cast aluminium chassis, neodymium magnet LF driver



- Vented cast aluminium heatsink
- Compact high flux Dual Magnet Motor design

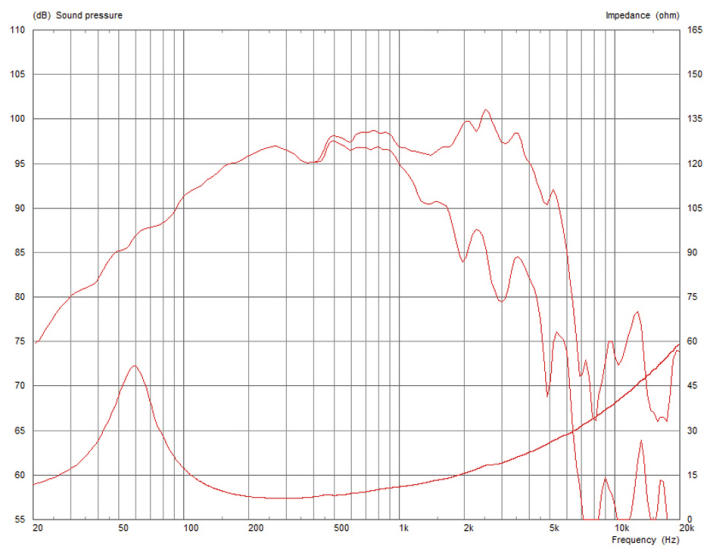
General Specifications

Nominal Diameter	305mm / 12in
Power Rating	350W
Continuous power rating	700W
Rated impedance	8 Ω
Sensitivity	98dB
Frequency range	50-4000Hz
Chassis type	Cast aluminium
Magnet type	Neodymium
Voice coil diameter	75mm / 3in
Voice coil material	Round copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.32in
VC winding height (Hvc)	16mm / 0.63in

Mounting Information

Overall diameter	318mm / 12.5in
Overall depth	137mm / 5.4in
Cut-out diameter	286mm / 11.26in
Mounting hole dimensions	9.5x6.5mm / 0.37x0.26in
Number of mounting holes	8
Mounting hole PCD	298-304mm / 11.7-12.0in
Unit weight	2.6kg / 5.7lb

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis |  
Secondary curve: Frequency response at 45° off axis

**Power rating:** 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.

**Continuous power rating:** Defined as 3dB greater than the AES rating.

**Sensitivity:** Measured on axis at 1W, 1m in 2? anechoic environment.

**Parameters:** Measured after unit subjected to pre-conditioning signal.

**Xmax:** Hvc-Hg/2

Parameters

Sd	530.93cm2 / 82.29in <sup>2</sup>
Fs	58.80Hz
Mms	58.08g / 2.05oz
Qms	3.391
Qes	0.325
Qts	0.296
Re	5.99 Ω
Vas	50.39l / 1.78ft <sup>3</sup>
Bi	19.90Tm
Cms	0.13mm/N
Rms	6.32kg/s
Le (at 1kHz)	0.80mH
Xmax	4mm / 0.16in

Packed Dimensions & Weight

Single pack size W x D x H	350mm x 350mm x 185mm / 13.8in x 13.8in x 7.3in
Single pack weight	3kg / 6.6lb
Multi pack qty	60
Multi pack size W x D x H	1080mm x 980mm x 880mm / 42.5in x 38.6in x 34.6in
Multi pack weight	178kg / 392lb

