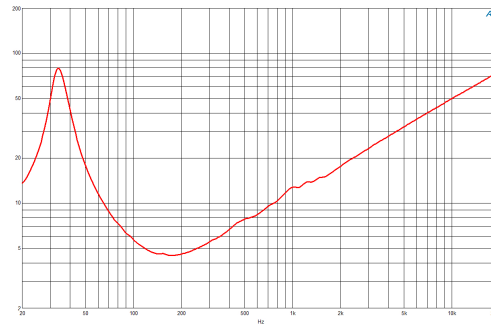
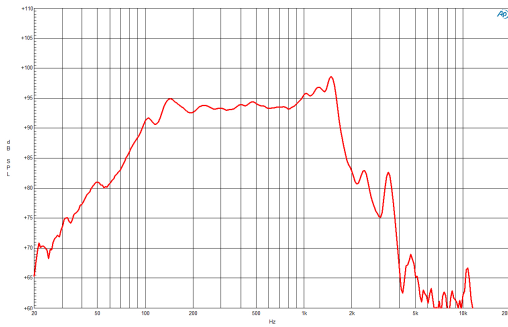
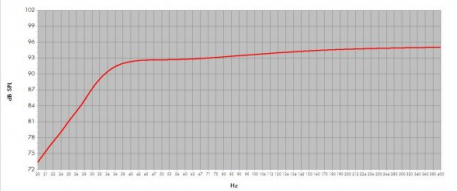


- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1500 Hz response
- 95 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression



Frequency Response (1W/1m)



Model:	15NBX100	Configuration:	Cheer Driver
Enclosure Type:	Raw Reflex		
Mounting Hole Diameter (mm):	114	Ø:	2"
Mounting Frequency (Hz):	35	Full Area (cm²):	222.3
Frequency 2.8k (Hz):	39.3	Full Length (cm):	33.2
Excursion Limited Maximum SPL at 1 meter (dB):	120.0	Impedance (Ω):	416.2 (Nominal Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB):	125.1	Impedance (Ω):	1000.0 (Max Power Rating)

SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	4 Ω
Minimum Impedance	4.4 Ω
Nominal Power Handling	1000 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
Continuous Power Handling	2000 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	95 dB Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.
Frequency Range	35 Hz - 1500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.1 T
Woofer Cone Treatment	TWP Waterproof Both Sides

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	37 Hz
Re	3.6 Ω
Qes	0.3
Qms	4.77
Qts	0.27
Vas	109.6 dm ³ (3.87 ft ³)
Sd	855 cm ² (132.5 in ²)
η0	1.82 %
Xmax	10 mm
Xvar	10 mm
Mms	176 g
Bl	22.69 Tm
Le	1.58 mH
EBP	123 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	114 dm ³ (4 ft ³)
Recommended Tuning	35 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (16.7 in)
Baffle Cutout Diameter	353 mm (13.9 in)
Depth	179 mm (7.05 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	6 dm ³ (0.21 ft ³)
Net Weight	8.55 kg (18.85 lb)
Shipping Units	1 pcs
Shipping Weight	9.85 kg (21.72 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KITS

LF recone-kits	RCK15NBX1004
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