15NDL76 8 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 99.5 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Ventilated voice coil gap for reduced power compression





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SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.7 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**500 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**99.5 dB**
Frequency Range	**40 Hz - 2000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**18 mm (0.68 in)**
Magnetic Gap Depth	**11 mm (0.4 in)**
Flux Density	**1.25 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	**5.3 Ω**
Qes	**0.24**
Qms	**4.5**
Qts	**0.22**
Vas	**195 dm^3 (6.8 ft^3)**
Sd	**855 cm^2 (132.5 in^2)**
η0	**4.1 %**
Xmax	**7 mm**
Xvar	**9 mm**
Mms	**96 g**
Bl	**22.5 Tm**
Le	**1.5 mH**
EBP	**154 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**100 dm^3 (3.53 ft^3)**
Recommended Tuning	**47 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.9 in)**
Depth	**171 mm (6.7 in)**
Flange and Gasket Thickness	**16 mm (0.62 in)**
Air Volume Occupied by Driver	**3.5 dm^3 (0.12 ft^3)**
Net Weight	**4.7 kg (10.36 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**6 kg (13.23 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

SERVICE KITS

LF recone-kits	**RCK15NDL768**

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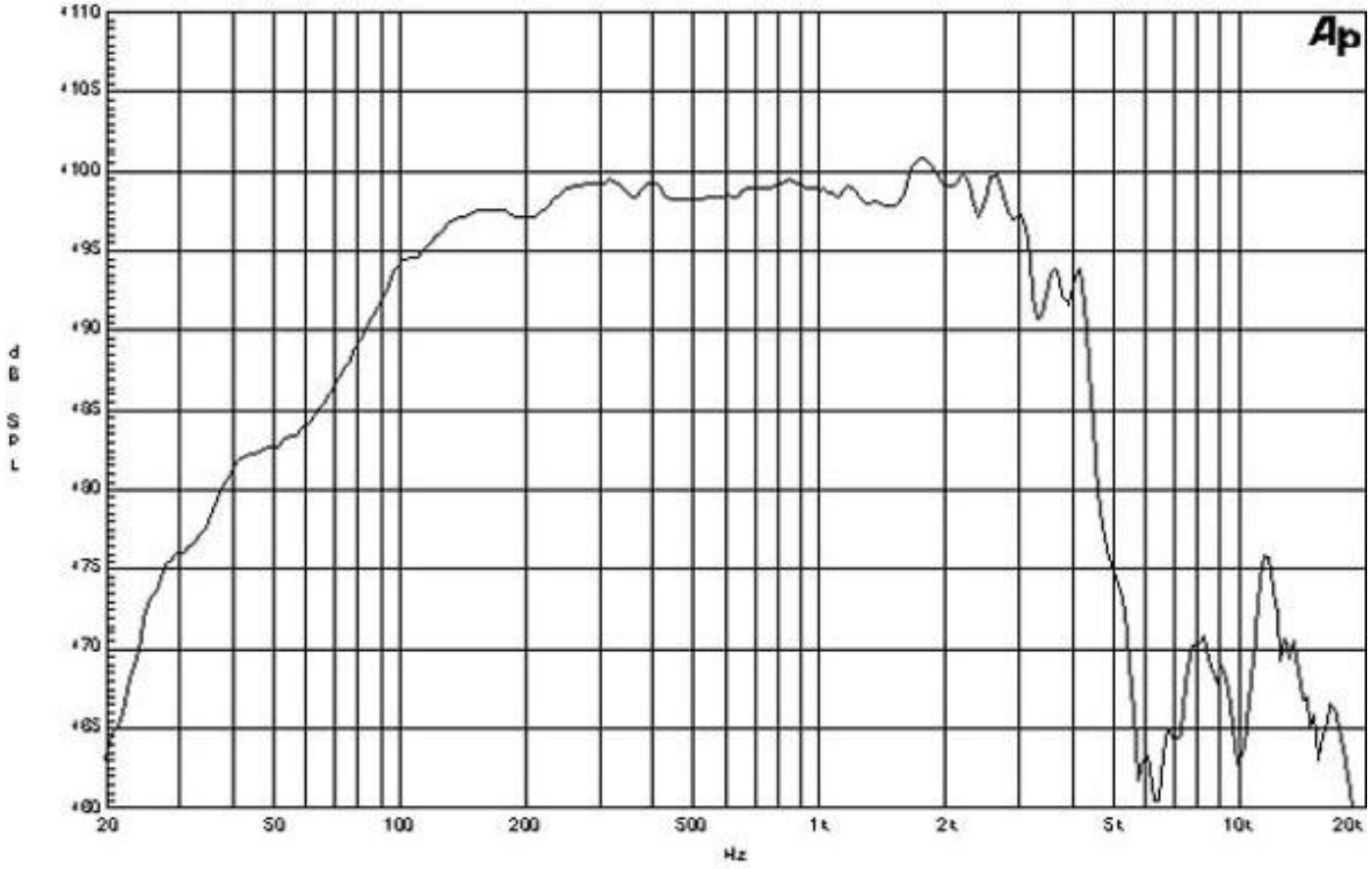

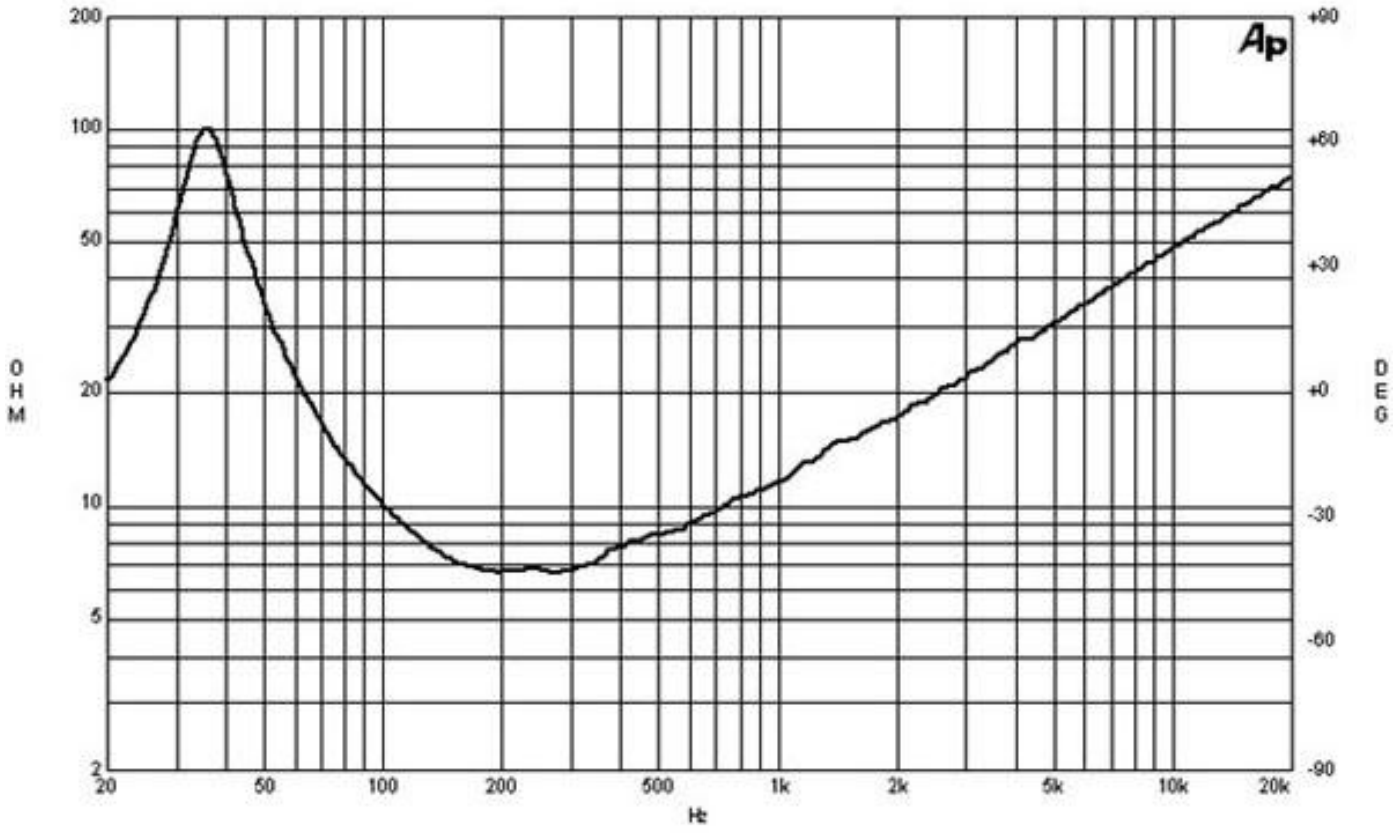

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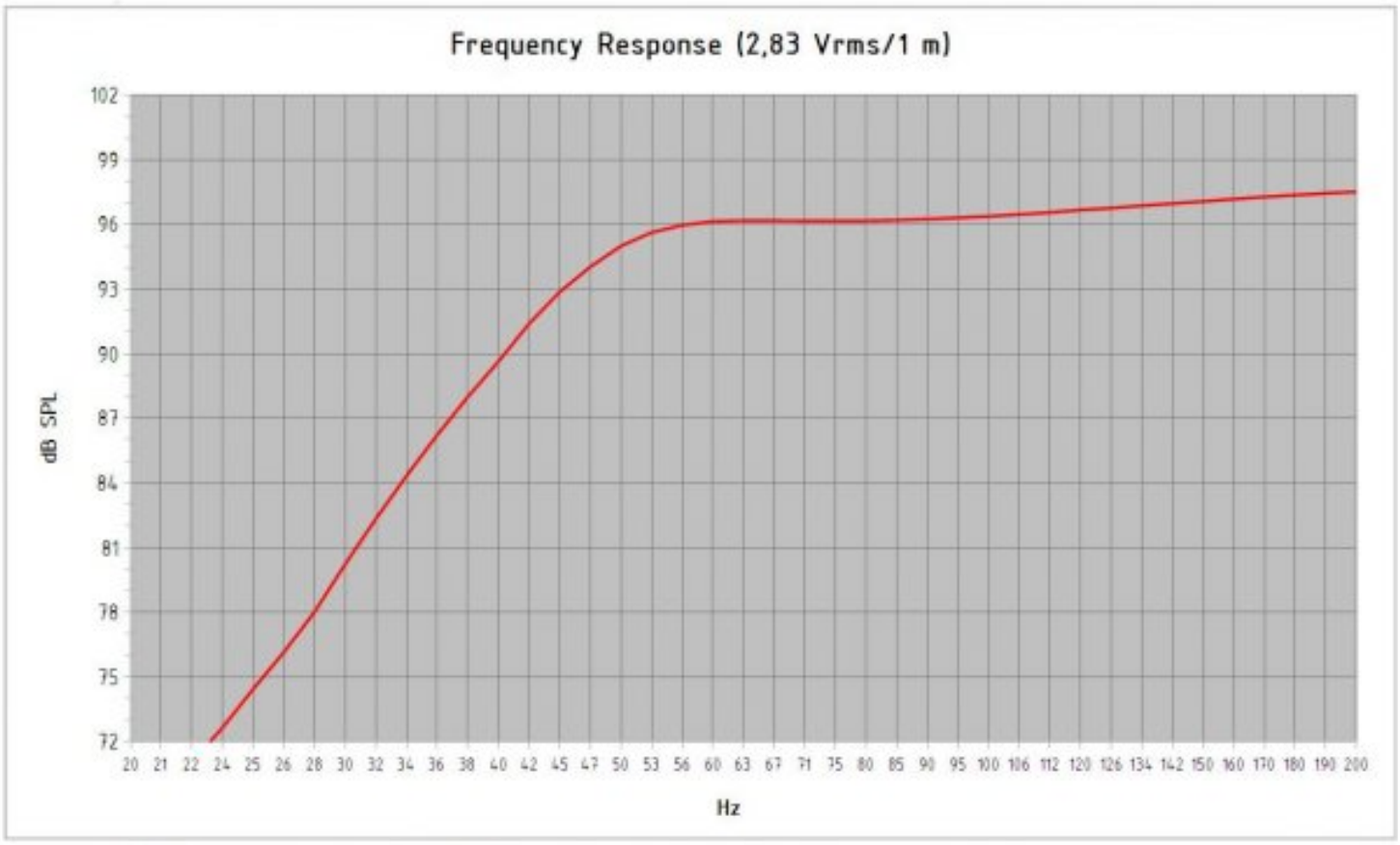

Model:	***15 NDL 76***		
Enclosure Type:	***Bass Reflex***		
Internal Net Volume (Liters):	***100***		
Tuning Frequency (Hz):	***47***	*Port Area (cm²):*	***222,3***
Frequency (-3 dB) (Hz):	***51,7***	*Port Length (cm):*	***15,5***

Excursion Limited Maximum SPL at 1 meter (dB):	***123,5*** *equal to*	***390,0***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***125,4*** *equal to*	***600,0***	*Watts*	*(Mid Band Power Rating)*

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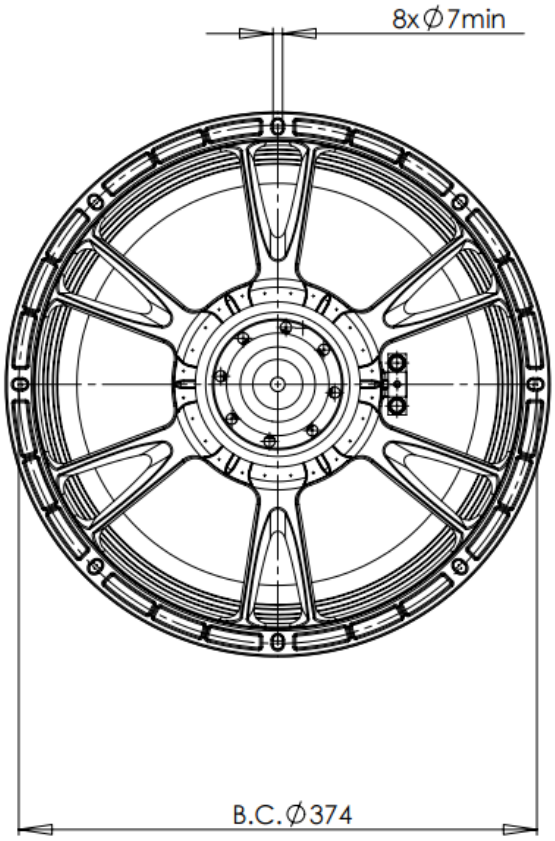

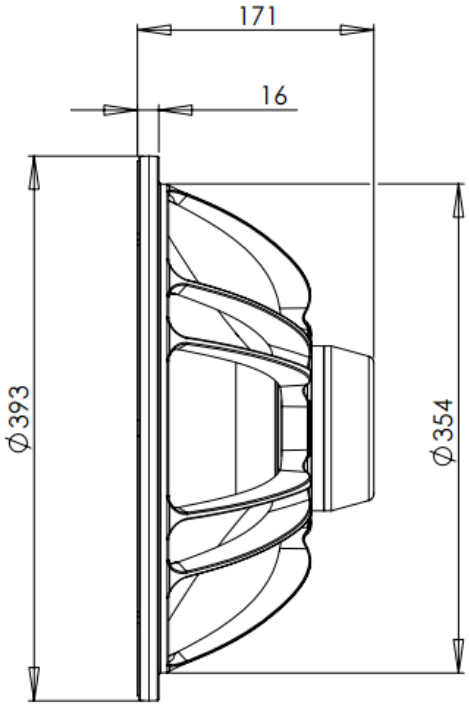

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