12NDL76 16 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) aluminium voice coil
- 50 - 2000 Hz response
- 100 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	**320 mm (12 in)**
Nominal Impedance	**16 Ω**
Minimum Impedance	**12.5 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.	**400 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**800 W**
Sensitivity Applied RMS Voltage is set to 4V for 16 ohms Nominal Impedance.	**100 dB**
Frequency Range	**50 Hz - 2000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**19 mm (0.75 in)**
Magnetic Gap Depth	**10 mm (0.4 in)**
Flux Density	**1.25 T**
Woofer Cone Treatment	**None**

PARAMETERS

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

Fs	**50 Hz**
Re	**10.2 Ω**
Qes	**0.3**
Qms	**3.8**
Qts	**0.27**
Vas	**69 dm^3 (2.44 ft^3)**
Sd	**522 cm^2 (80.9 in^2)**
η0	**2.8 %**
Xmax	**7 mm**
Xvar	**7 mm**
Mms	**56 g**
Bl	**24.7 Tm**
Le	**1.7 mH**
EBP	**167 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**None**
Recommended Enclosure	**42 dm^3 (1.48 ft^3)**
Recommended Tuning	**65 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**315 mm (12.4 in)**
Bolt Circle Diameter	**298 mm (11.7 in)**
Baffle Cutout Diameter	**283 mm (11.1 in)**
Depth	**141 mm (5.5 in)**
Flange and Gasket Thickness	**14 mm (0.55 in)**
Air Volume Occupied by Driver	**2.5 dm^3 (0.08 ft^3)**
Net Weight	**3.9 kg (8.6 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**4.5 kg (9.9 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

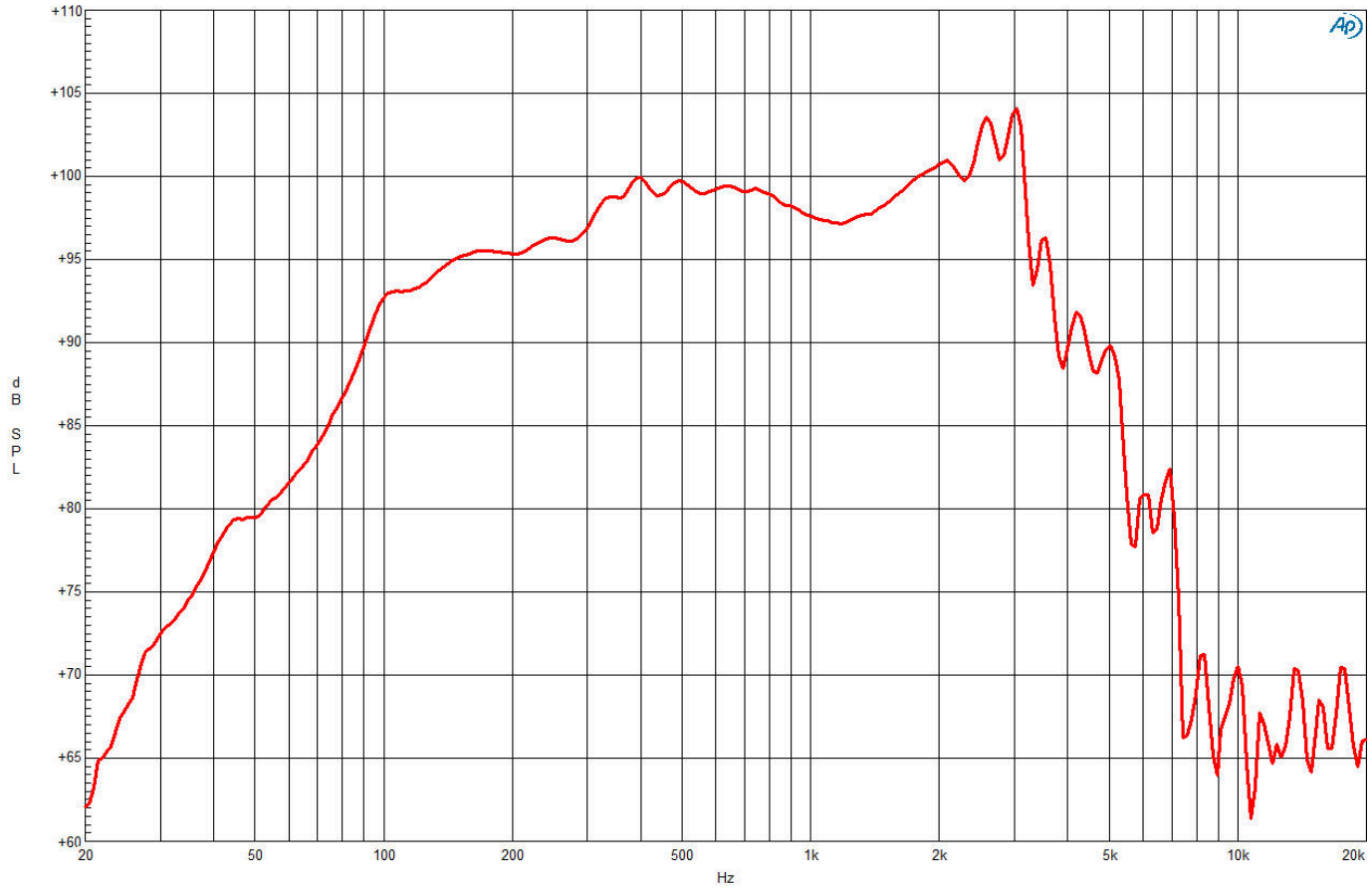
SERVICE KITS

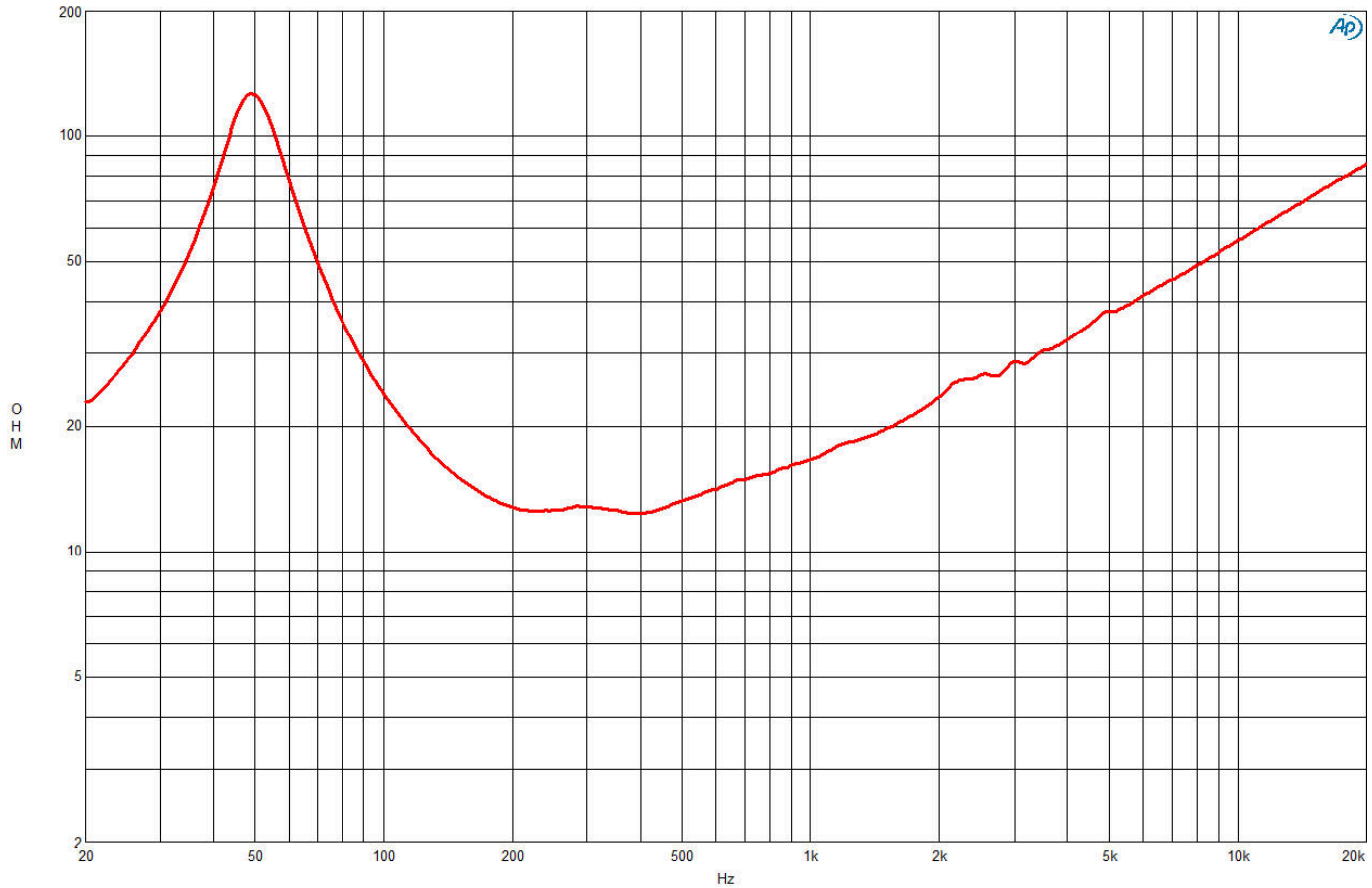
LF recone-kits	**RCK12NDL7616**

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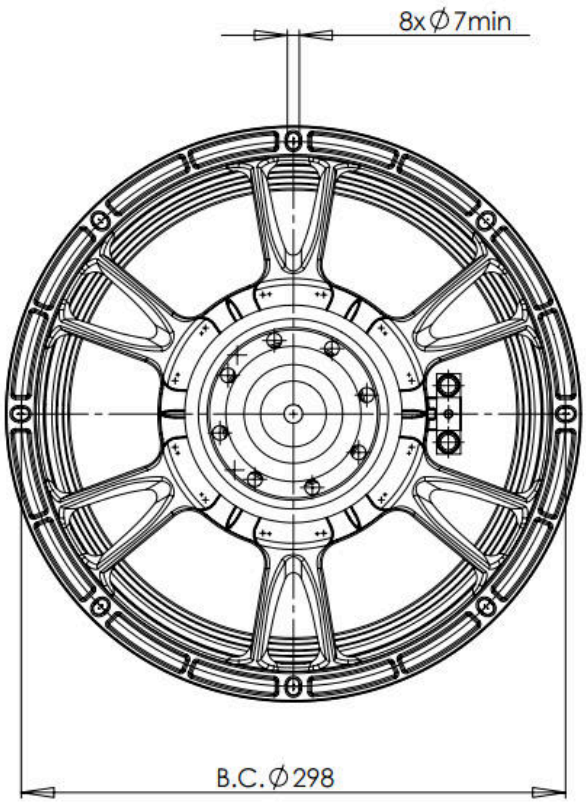
Woofer

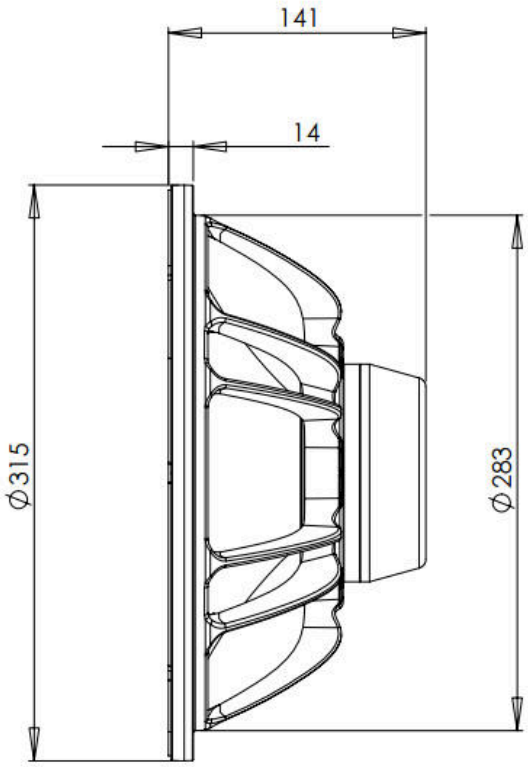




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