6NDL38 8 Ω

Woofer

- 38 mm (1.5 in) copper voice coil
- 70 - 6000 Hz response
- 92 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring allows a very low distortion figure
- 300 W continuous program power capacity





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SPECIFICATIONS

Nominal Diameter	**170 mm (6.5 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6 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.	**150 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**300 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**92 dB**
Frequency Range	**70 Hz - 6000 Hz**
Voice Coil Diameter	**38 mm (1.5 in)**
Winding Material	**Copper**
Former Material	**Kapton**
Winding Depth	**12 mm (0.5 in)**
Magnetic Gap Depth	**6 mm (0.25 in)**
Flux Density	**1.15 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

PARAMETERS

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

Fs	**72 Hz**
Re	**5.2 Ω**
Qes	**0.44**
Qms	**11.5**
Qts	**0.42**
Vas	**7 dm^3 (0.25 ft^3)**
Sd	**132 cm^2 (20.5 in^2)**
η0	**0.6 %**
Xmax	**6 mm**
Xvar	**5.5 mm**
Mms	**17 g**
Bl	**9.5 Tm**
Le	**0.6 mH**
EBP	**164 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Ring**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**9 dm^3 (0.32 ft^3)**
Recommended Tuning	**62 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**187 mm (7.4 in)**
Bolt Circle Diameter	**172 mm (6.7 in)**
Baffle Cutout Diameter	**145 mm (5.7 in)**
Depth	**85 mm (3.3 in)**
Flange and Gasket Thickness	**11 mm (0.4 in)**
Air Volume Occupied by Driver	**0.63 dm^3 (0.02 ft^3)**
Net Weight	**1.2 kg (2.6 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**1.4 kg (3.09 lb)**
Shipping Box	**210x210x125 mm (8.27x8.27x4.92 in)**

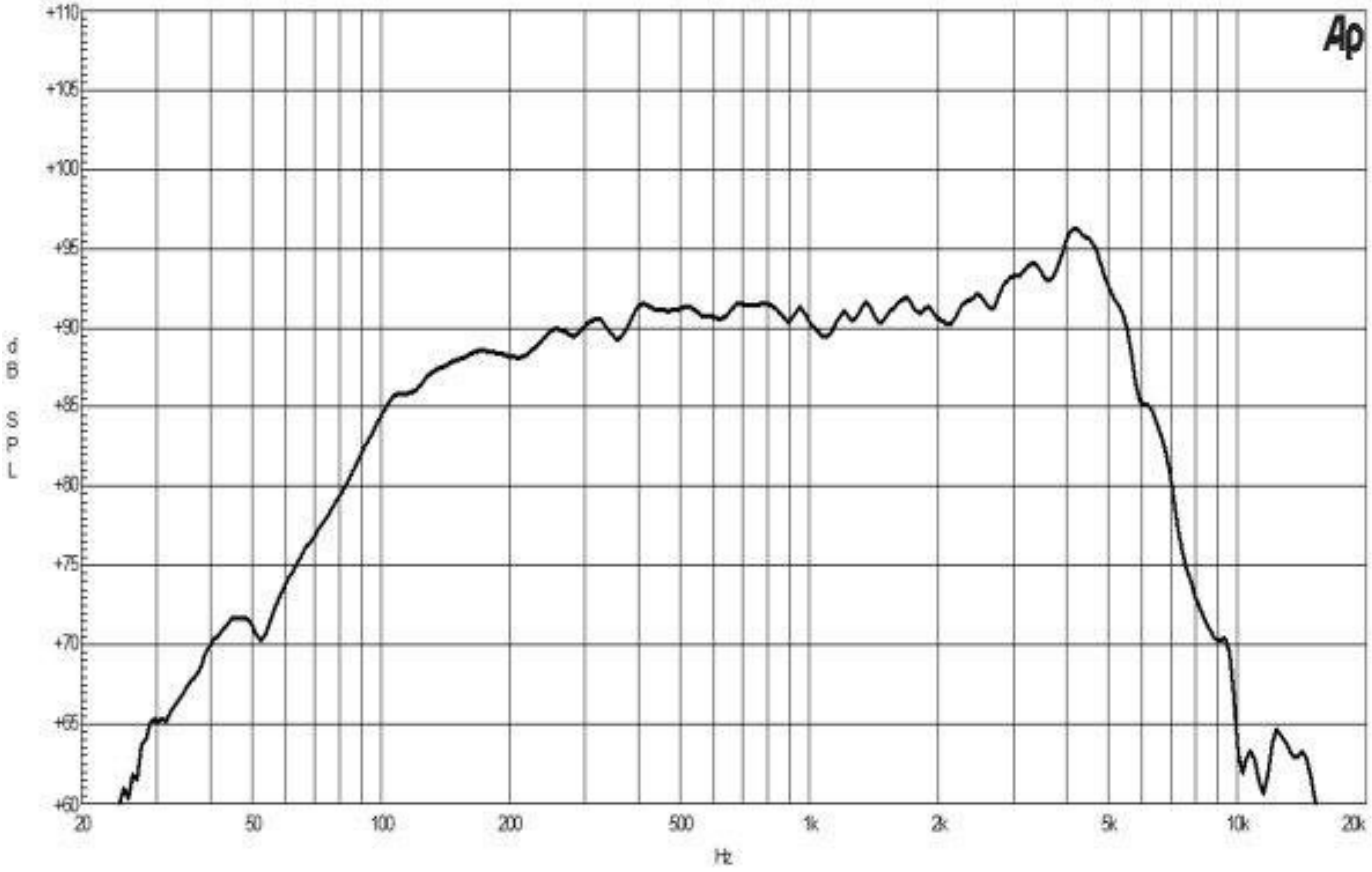
SERVICE KITS

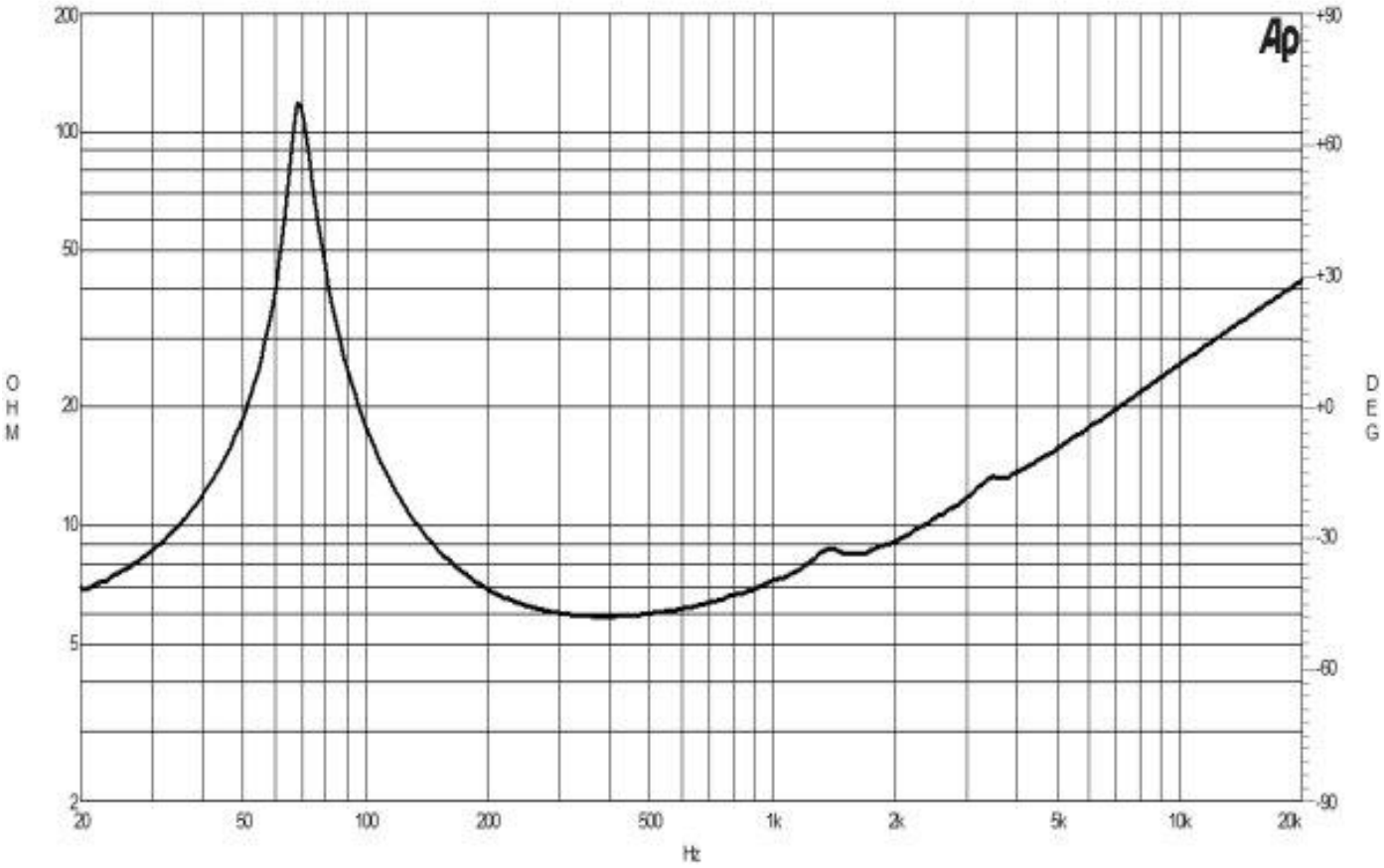
LF recone-kits	**RCK06NDL388**

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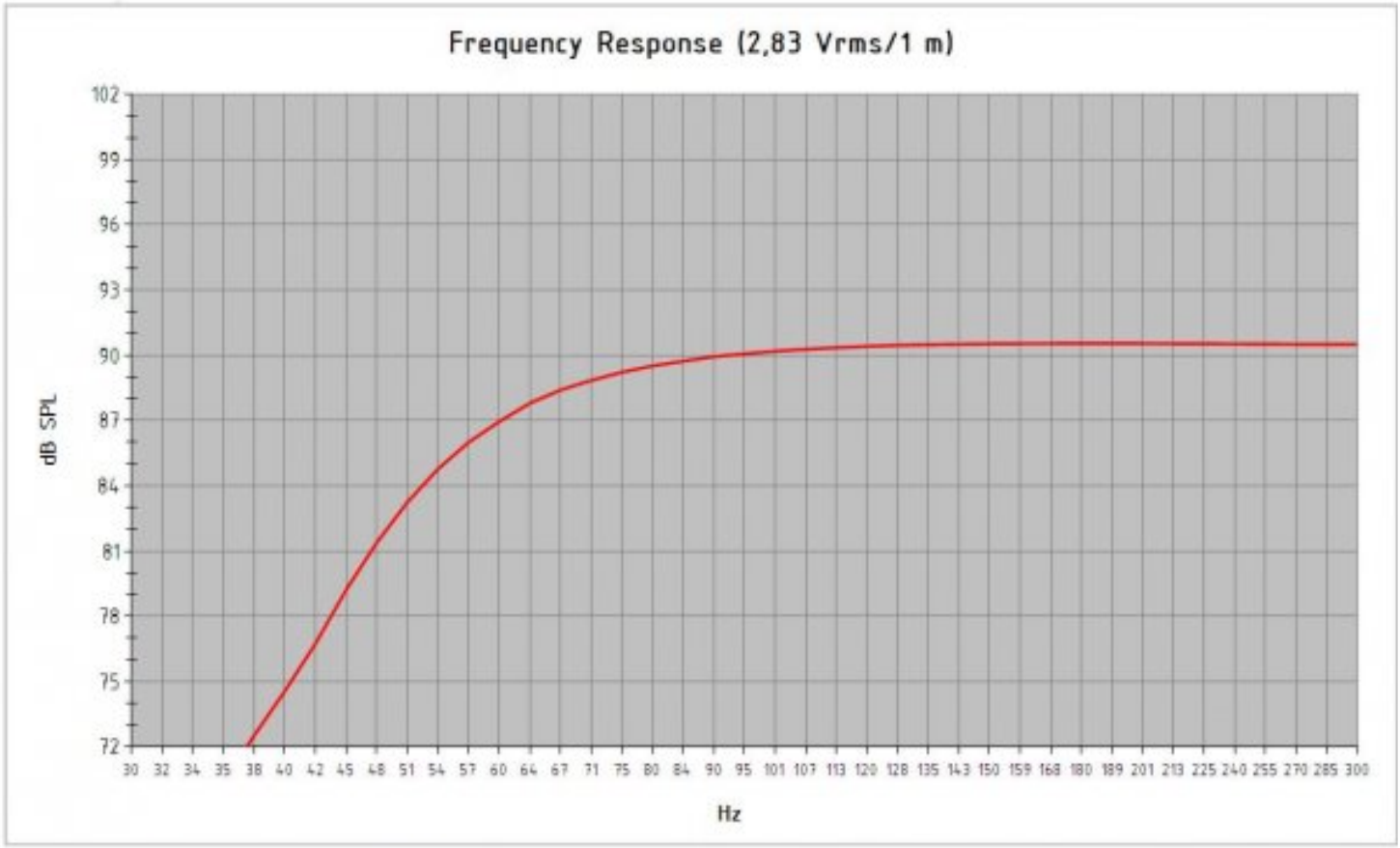
Woofer





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Woofer



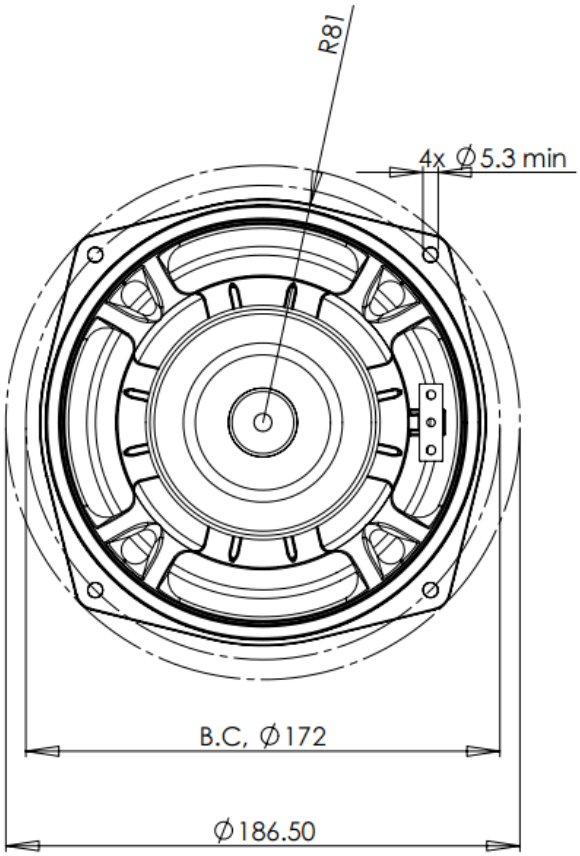
Model:	***6 NDL 38***		
Enclosure Type:	***Bass Reflex***		
Internal Net Volume (Liters):	***9***		
Tuning Frequency (Hz):	***62***	*Port Area (cm²):*	***15,2***
Frequency (-3 dB) (Hz):	***62,0***	*Port Length (cm):*	***9,4***

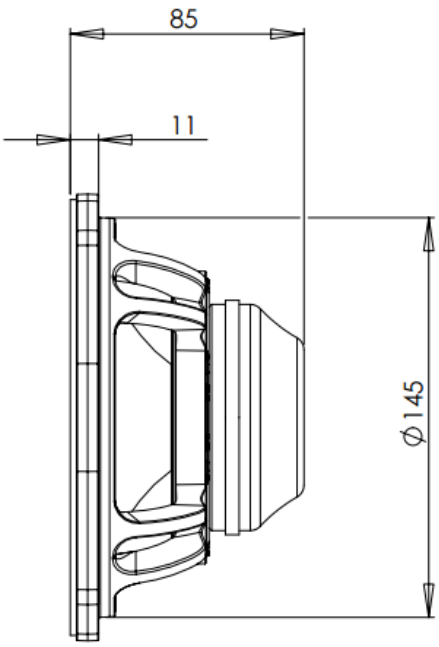
Excursion Limited Maximum SPL at 1 meter (dB):	***106,9***	*equal to*	***59,3***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***110,9***	*equal to*	***150,0***	*Watts*	*(Mid Band Power Rating)*

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