

12NW76 8 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 98.5 dB sensitivity
- Neodymium ring magnet assembly
- Aluminium demodulating ring allows a very low distortion figure
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.9 Ω
Nominal Power Handling	500 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	1000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	98.5 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	40 Hz - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.3 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	40 Hz
Re	5.3 Ω
Qes	0.17
Qms	3.7
Qts	0.16
Vas	76 dm³ (2.7 ft³)
Sd	522 cm² (80.9 in²)
η ₀	2.8 %
X _{max}	8 mm
X _{var}	10 mm
M _{ms}	77 g
Bl	25.5 Tm
Le	1.25 mH
EBP	235 Hz

DESIGN

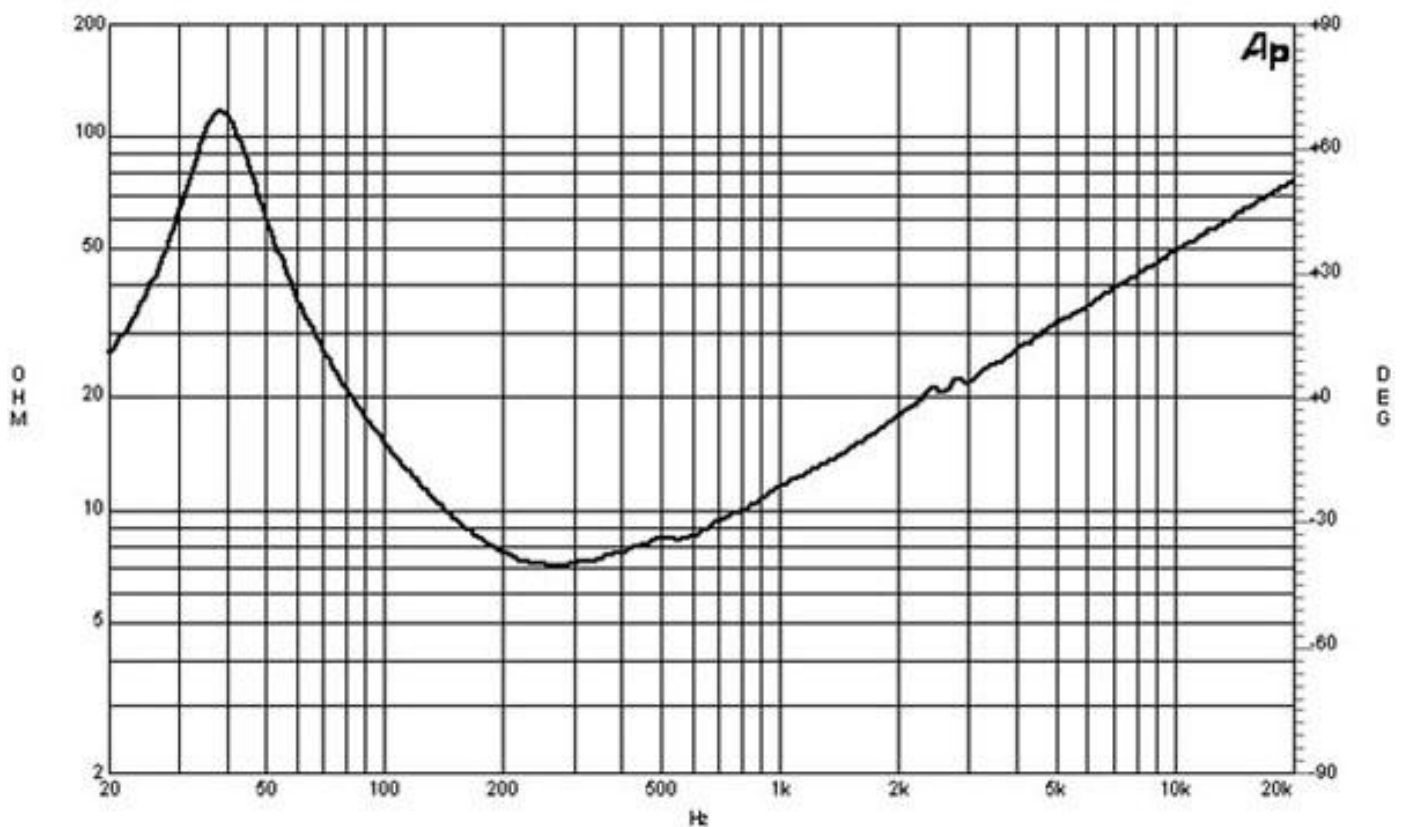
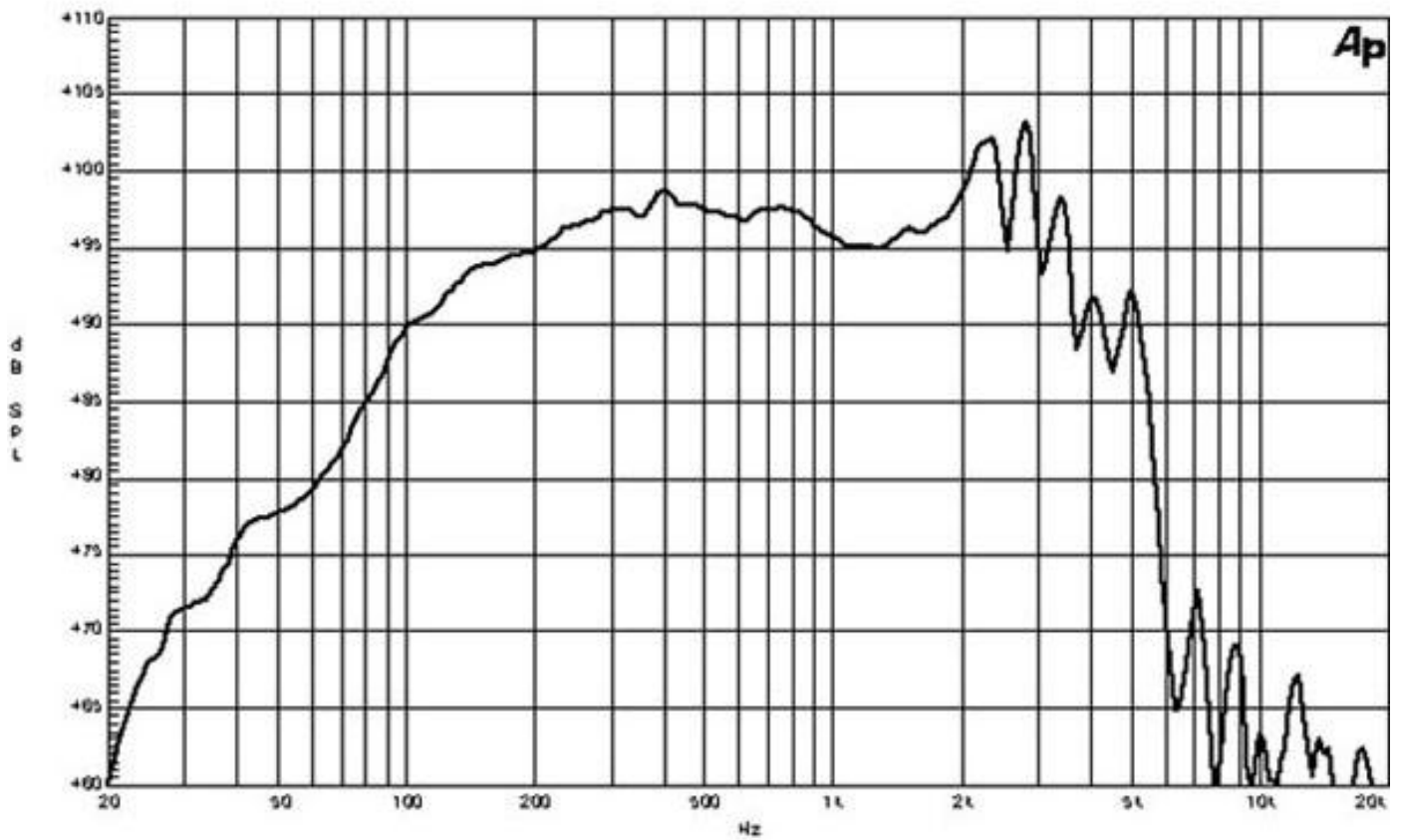
Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	50 dm³ (1.77 ft³)
Recommended Tuning	60 Hz

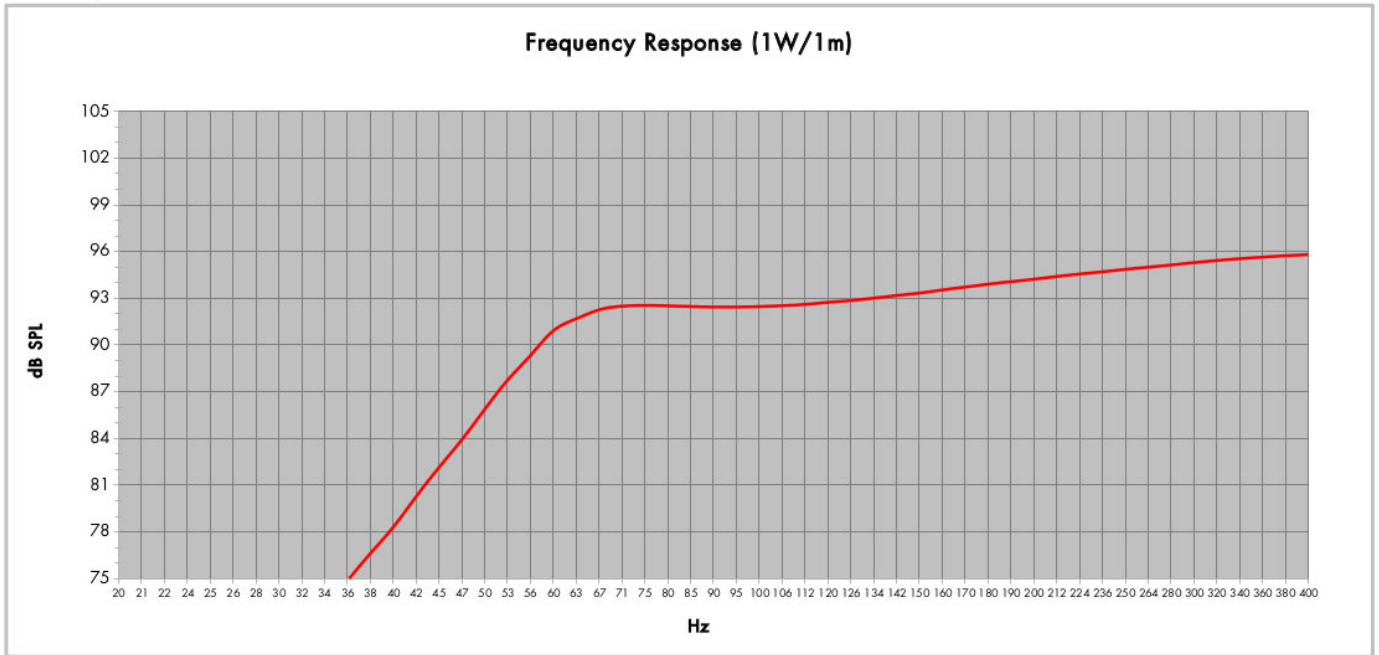
MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	283 mm (11.1 in)
Depth	147 mm (5.8 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	2.5 dm³ (0.08 ft³)
Net Weight	4.9 kg (10.8 lb)
Shipping Units	1 pcs
Shipping Weight	5.8 kg (12.79 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK12NW768
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Model:	12NW76	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	50	QB:	3
Tuning Frequency (Hz):	60	Port Area (cm ²):	208,1
Frequency (-3 dB) (Hz):	166,7	Port Length (cm):	20,5

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