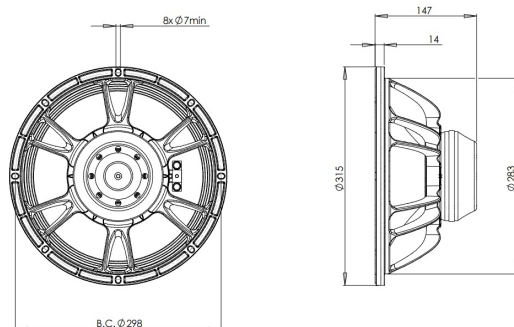


# 12NW76

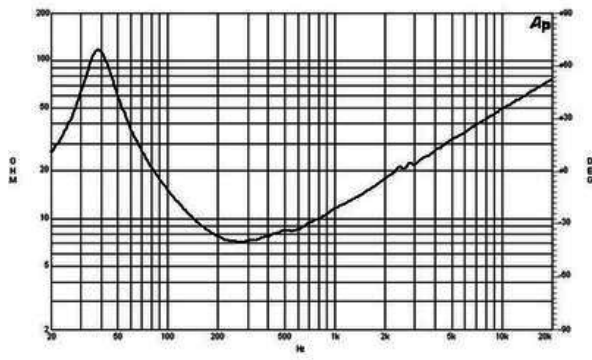
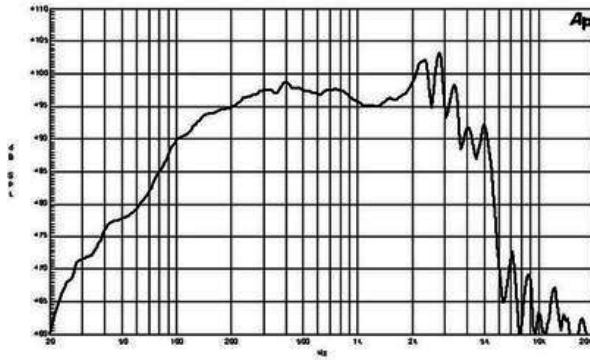
8Ω

LF Drivers - 12.0 Inches



- 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





## SPECIFICATIONS

Nominal Diameter	320 mm (12.0 in)
Nominal Impedance	8 $\Omega$
Minimum Impedance	6.9 $\Omega$
Nominal Power Handling <sup>1</sup>	500 W
Continuous Power Handling <sup>2</sup>	1000 W
Sensitivity <sup>3</sup>	98.5 dB
Frequency Range	40 - 2000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19.0 mm (0.75 in)
Magnetic Gap Depth	11.0 mm (0.43 in)
Flux Density	1.3 T

## 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	50.0 dm <sup>3</sup> (1.77 ft <sup>3</sup> )
Recommended Tuning	60 Hz

## PARAMETERS<sup>4</sup>

Resonance Frequency	40 Hz
R <sub>e</sub>	5.3 $\Omega$
Q <sub>es</sub>	0.17
Q <sub>ms</sub>	3.7
Q <sub>ts</sub>	0.16
V <sub>as</sub>	76.0 dm <sup>3</sup> (2.7 ft <sup>3</sup> )
S <sub>d</sub>	522.0 cm <sup>2</sup> (80.9 in <sup>2</sup> )
$\eta_o$	2.8 %
X <sub>max</sub>	8.0 mm
X <sub>var</sub>	10.0 mm
M <sub>ms</sub>	77.0 g
Bl	25.5 Txm
Le	1.25 mH
EBP	235 Hz

## MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	283.0 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 dm <sup>3</sup> (0.08 ft <sup>3</sup> )
Net Weight	4.9 kg (10.8 lb)
Shipping Units	1
Shipping Weight	5.8 kg (12.79 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

## SERVICE KIT

RCK12NW768
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- 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal impedance. Loudspeaker in free air.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
- Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.