



# 12NW76

## LF Drivers - 12 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



### Specification

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.9 ohm
Nominal Power Handling (AES)	500 W
Continuous Power Handling	1000 W
Sensitivity (1W/1m)	99 dB
Frequency Range	40 - 2000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Neodymium Ring
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.3 T

### Parameters

Fs	40 Hz
Re	5.3 ohm
Qes	0.17

### Parameters

Qms	3.7
Qts	0.16
Vas	76 dm <sup>3</sup> (2.7 ft <sup>3</sup> )
Sd	522 cm <sup>2</sup> (80.9 in <sup>2</sup> )
EtaZero	2.8 %
Xmax	+ - 8 mm
Xvar	+ - 10 mm
Mms	77 g
Bl	25.5 Txm
Le	1.25 mH

### Mounting & Shipping

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)
Net Weight	4.9 kg (10.8 lb)

### Mounting & Shipping

Shipping Weight	5.6 kg (12.3 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

### Design

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Type	Neodymium Ring
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit	RCK12NW768
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