12CXN76 8 Ω

- 700 W continuous program power capacity
- 80° nominal coverage
- 45 - 18000 Hz response
- 99 dB sensitivity
- Single Neodymium magnet assembly
- Aluminium demodulating ring for very low distortion





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GENERAL

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Frequency Range	**45 Hz - 18000 Hz**
Dispersion Angle Included by –6 dB down points.	**80 °**

PARAMETERS

Fs	**42 Hz**
Re	**5 Ω**
Qes	**0.2**
Qms	**8**
Qts	**0.19**
Vas	**120 dm³ (4.2 ft³)**
Sd	**522 cm² (80.9 in²)**
η0	**4.1 %**
Xvar	**6 mm**
Mms	**47 g**
Bl	**17.6 Tm**
Le	**0.8 mH**
EBP	**210 Hz**

SPECIFICATIONS HF UNIT

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**8 Ω**
Nominal Power Handling 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.	**80 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**160 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**105 dB**
Recommended Crossover 12 dB/oct. or higher slope high-pass filter.	**1.2 kHz**
Voice Coil Diameter	**75 mm (3 in)**
Winding Material	**Aluminium**
Inductance	**0.14 mH**
Flux Density	**1.9 T**
Diaphragm Material	**Polyester/Titanium**

SPECIFICATIONS LF UNIT

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	**350 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**700 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**99 dB**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**16.2 mm (0.64 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**1.15 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

DESIGN

Magnet Material	**Neodymium Ring**
Woofer Cone Treatment	**WP Waterproof Front Side**

MOUNTING AND SHIPPING INFO

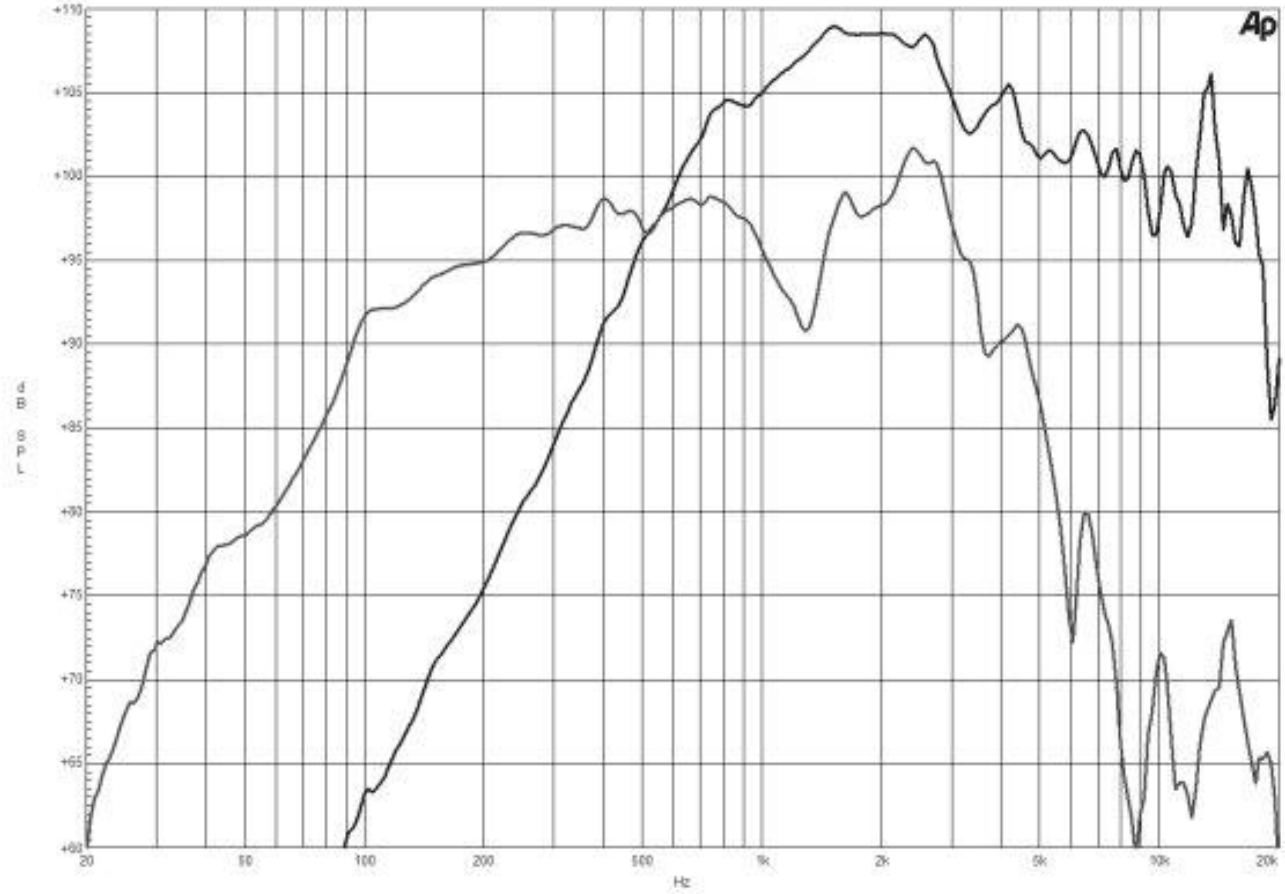
Overall Diameter	**315 mm (12.4 in)**
Bolt Circle Diameter	**298 mm (11.7 in)**
Baffle Cutout Diameter	**282 mm (11.1 in)**
Depth	**170 mm (6.7 in)**
Flange and Gasket Thickness	**14 mm (0.55 in)**
Net Weight	**5.1 kg (11.24 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**6.4 kg (14.11 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

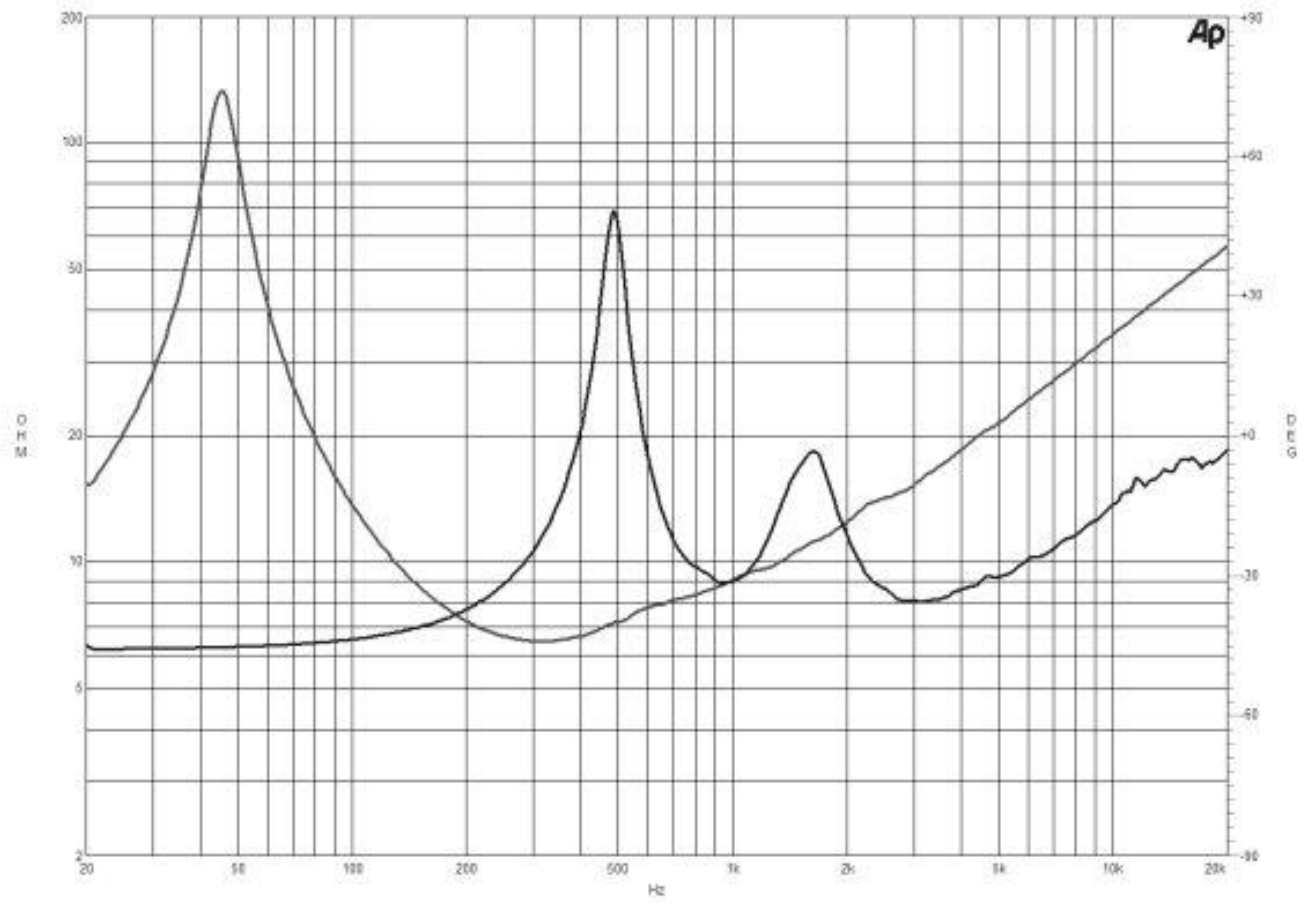
SERVICE KITS

HF replacement-diaphragm	**MMD9028M**
LF recone-kits	**RCK12CXN768**

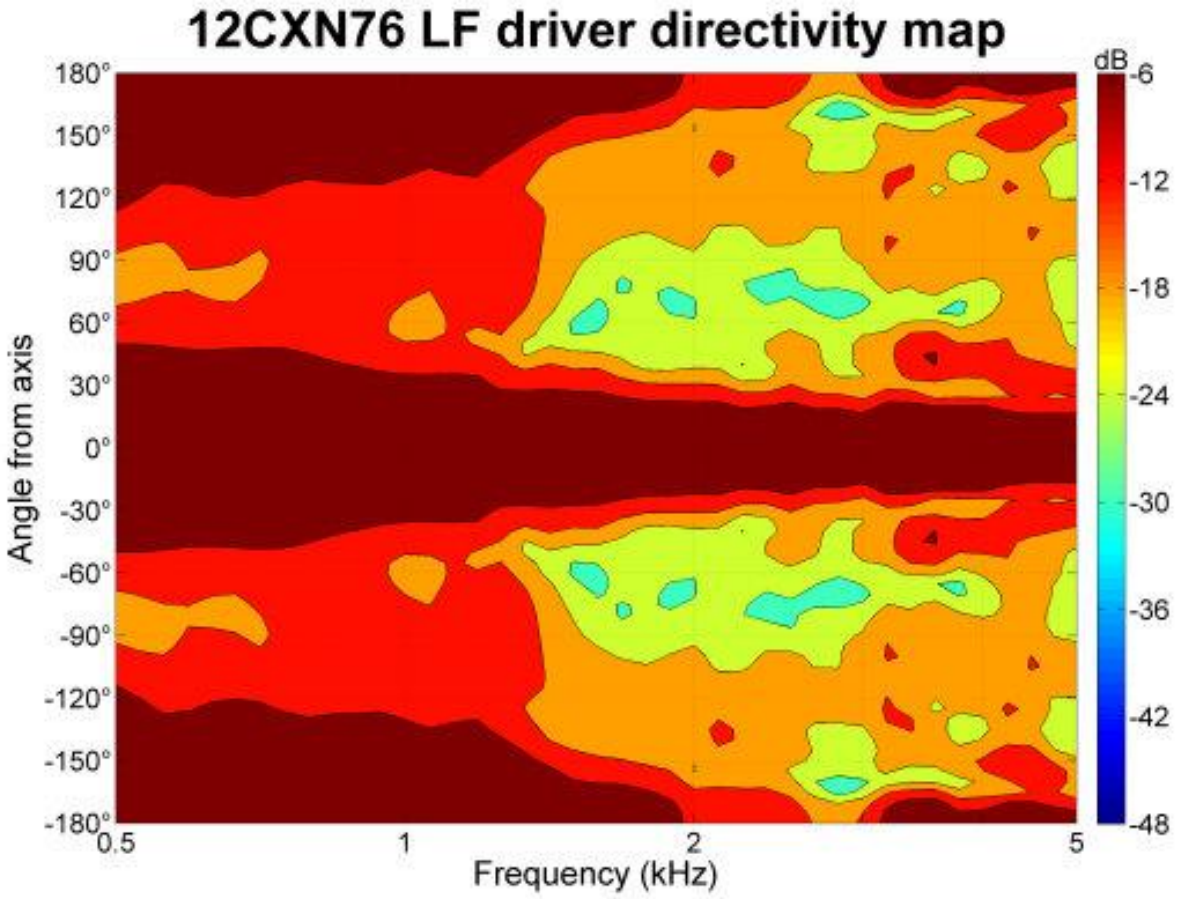
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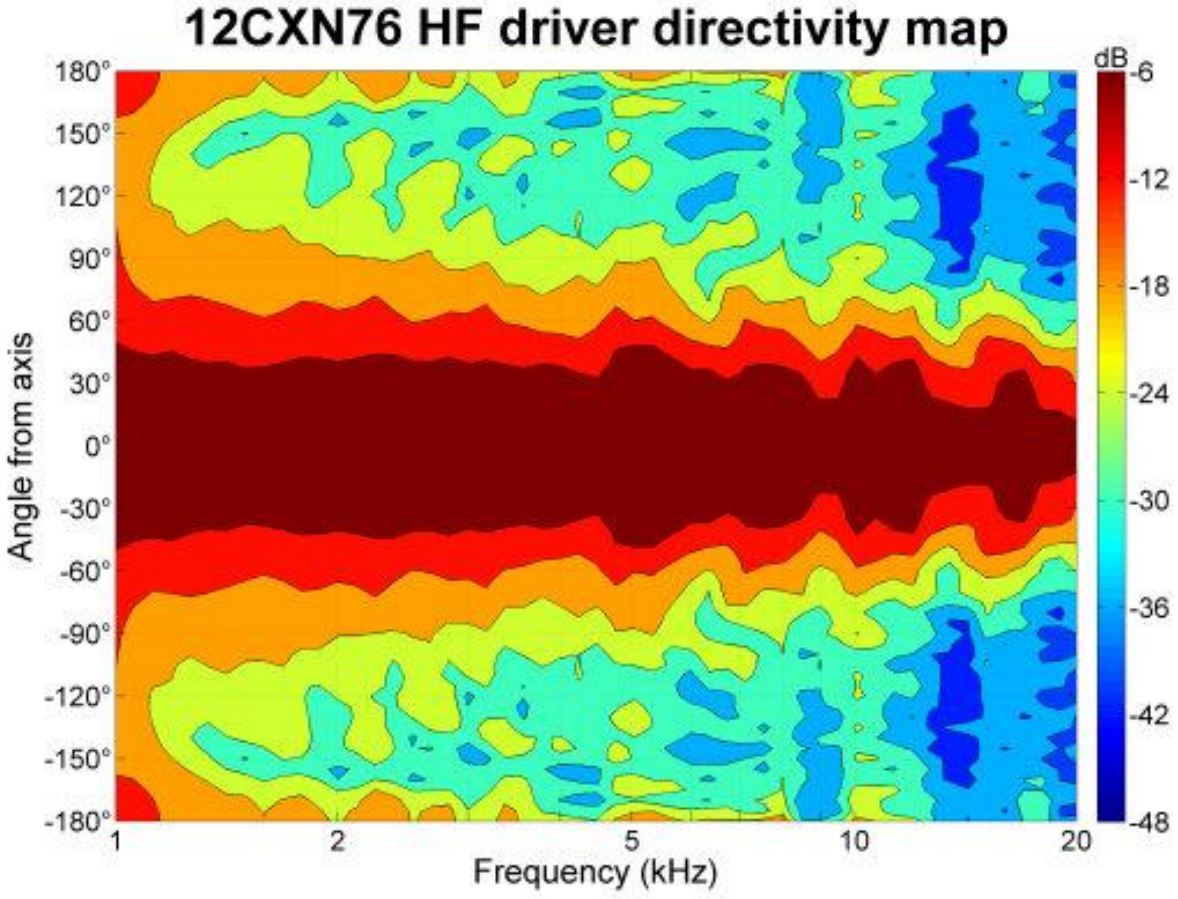
12CXN76 8 Ω


Ap
+110
+105
+100
+95
+90
+85
+80
+75
+70
+65
+60
dB SPL
20
50
100
200
500
1k
2k
5k
10k
20k
Hz


Ap
200
100
50
20
10
5
2
OHM
+90
+60
+30
+0
-30
-60
-90
DEG
20
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2k
5k
10k
20k
Hz

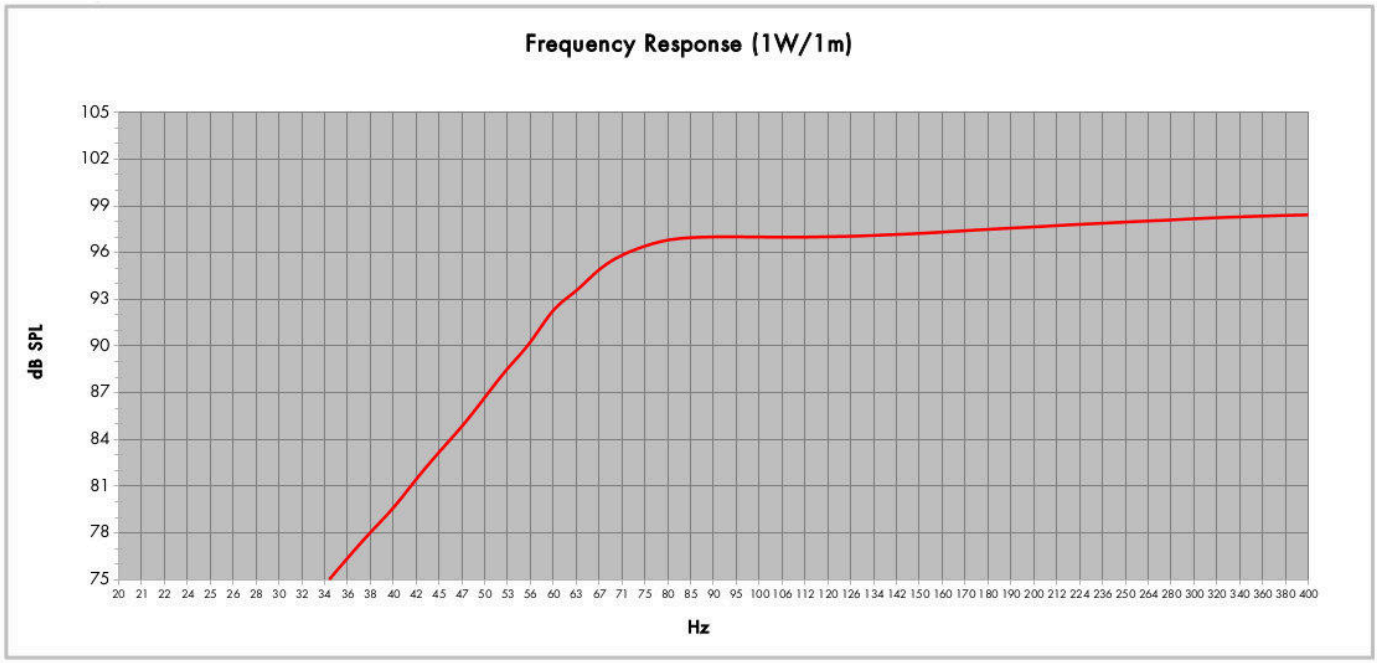
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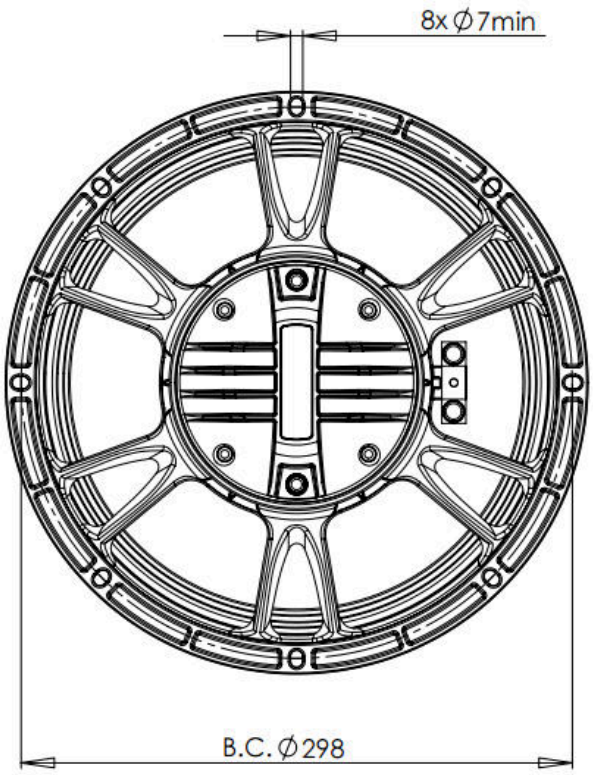
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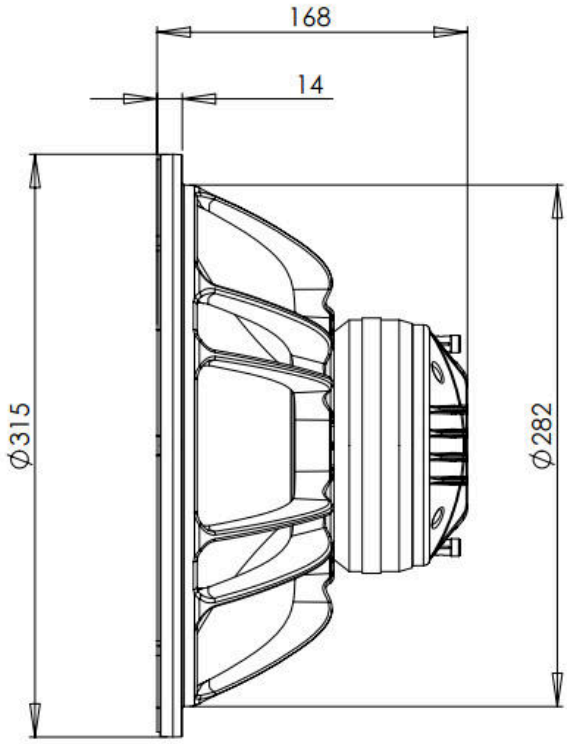


Model:	**12CXN76**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**40**	QB:	**7**
Tuning Frequency (Hz):	**65**	Port Area (cm²):	**138,7**
Frequency (-3 dB) (Hz):	**70,9**	Port Length (cm):	**13,1**

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