15FHX76 8 Ω

- 98 dB sensitivity
- 800 W continuous program power capacity
- 60°x40° nominal coverage
- 40 - 18000 Hz response
- Modified exponential horn flare for improved acoustic loading and controlled coverage
- 33 mm (1.3”) HF unit exit diameter
- Single Ferrite magnet assembly
- Aluminium demodulating ring allows a very low distortion figure





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15FHX76 8 Ω

GENERAL

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Frequency Range	**40 Hz - 18000 Hz**
Dispersion Angle Included by –6 dB down points.	**60 °**

PARAMETERS

Fs	**40 Hz**
Re	**5.2 Ω**
Qes	**0.47**
Qms	**5.2**
Qts	**0.43**
Vas	**186 dm³ (6.56 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**2.4 %**
Xvar	**7 mm**
Mms	**88 g**
Bl	**15.5 Tm**
Le	**1.5 mH**
EBP	**85 Hz**

SPECIFICATIONS HF UNIT

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**7.5 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.	**107 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	**1.6 T**
Diaphragm Material	**Titanium**

SPECIFICATIONS LF UNIT

Nominal Diameter	**380 mm (15 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 minimum impedance. Loudspeaker in free air.	**400 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**800 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**98 dB**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**16.5 mm (0.65 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**1.15 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

DESIGN

Magnet Material	**Ferrite**
Woofer Cone Treatment	**WP Waterproof Front Side**

MOUNTING AND SHIPPING INFO

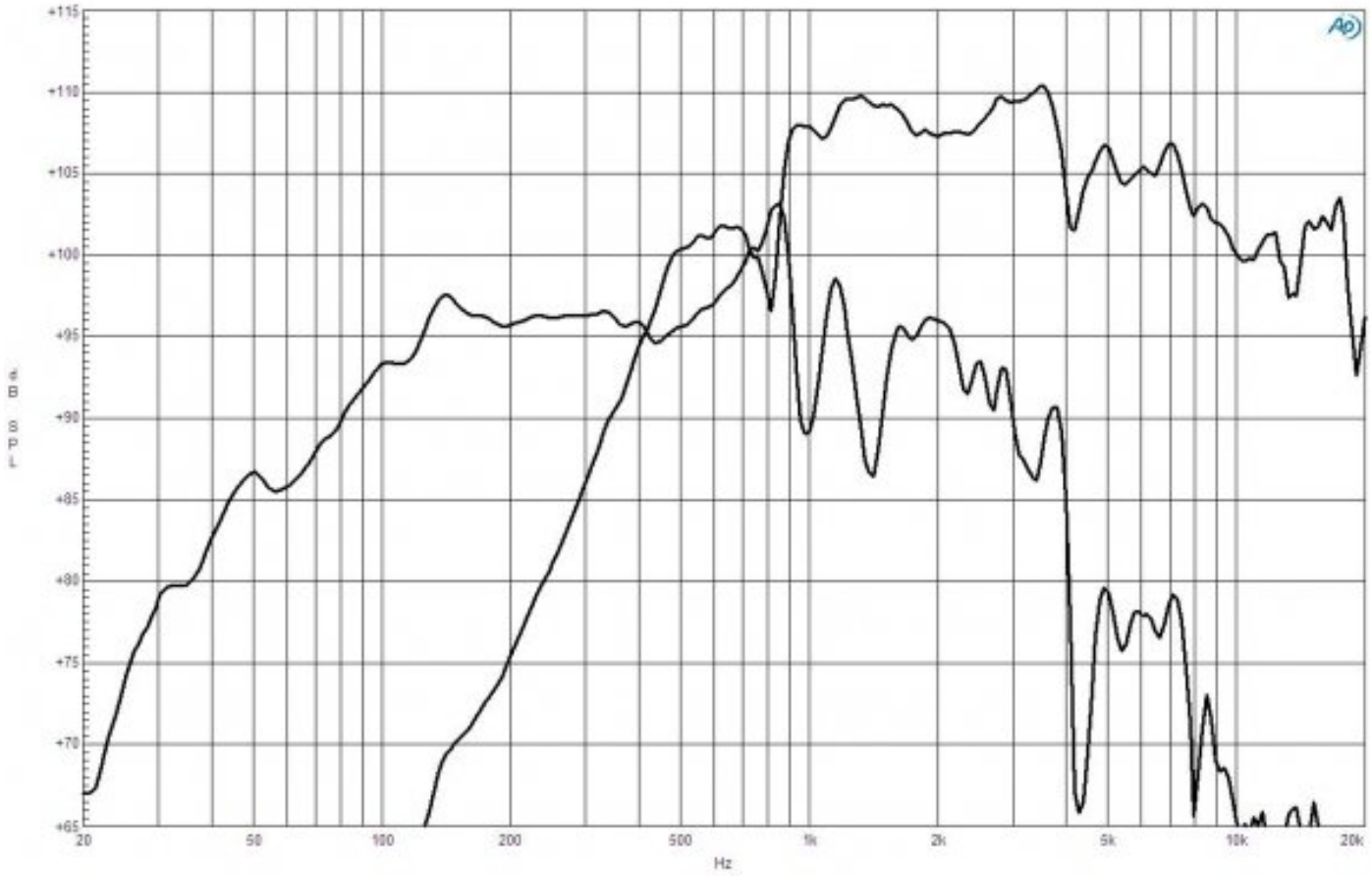
Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.94 in)**
Depth	**199 mm (7.83 in)**
Flange and Gasket Thickness	**16 mm (0.62 in)**
Net Weight	**9.2 kg (20.28 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**10.8 kg (23.81 lb)**
Shipping Box	**500x495x275 mm (19.69x19.49x10.83 in)**

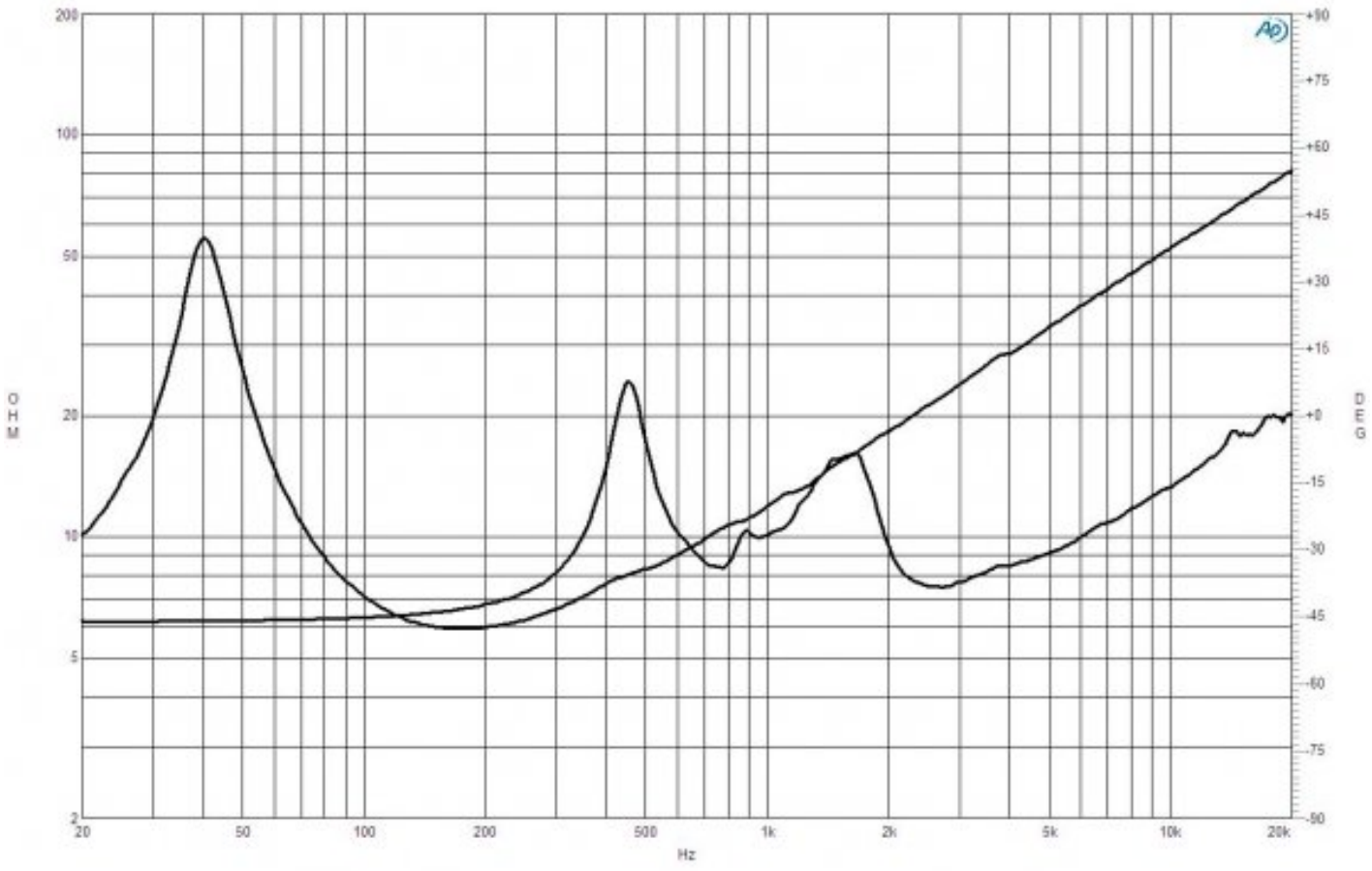
SERVICE KITS

HF replacement-diaphragm	**MMD3BTN8M**
LF recone-kits	**RCK15FHX768**

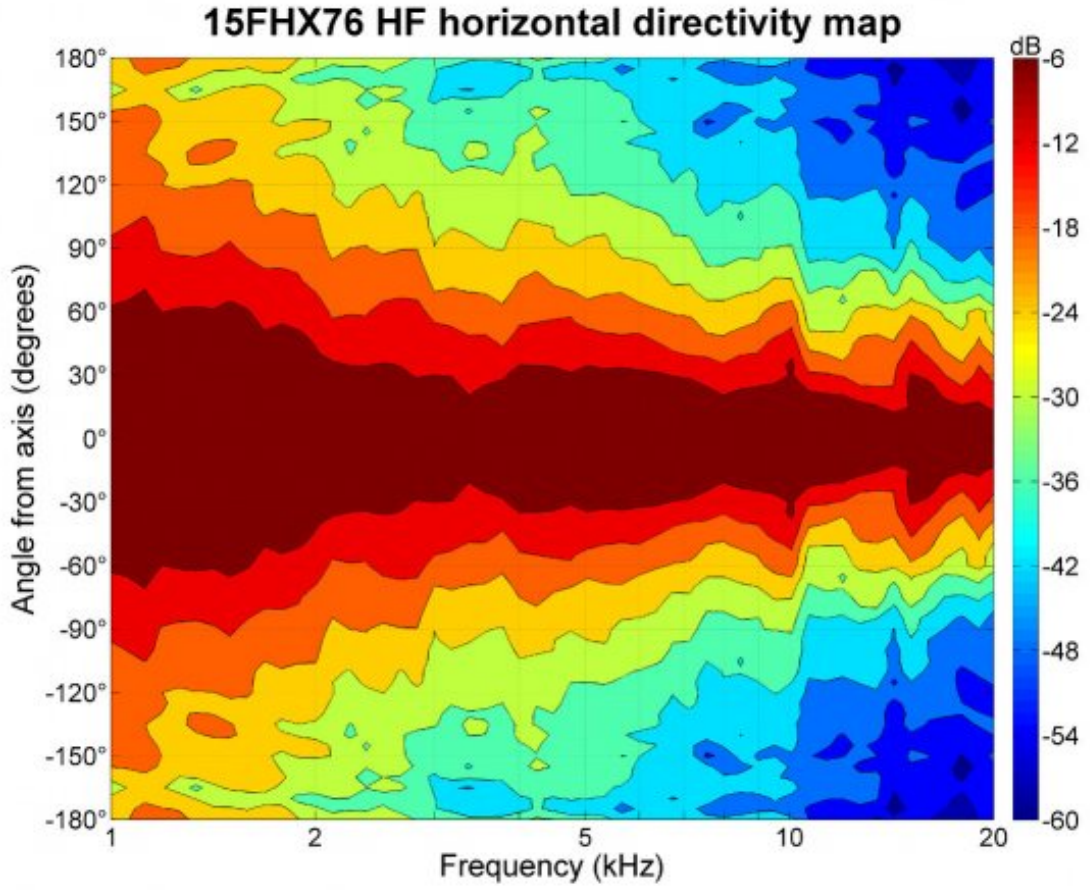
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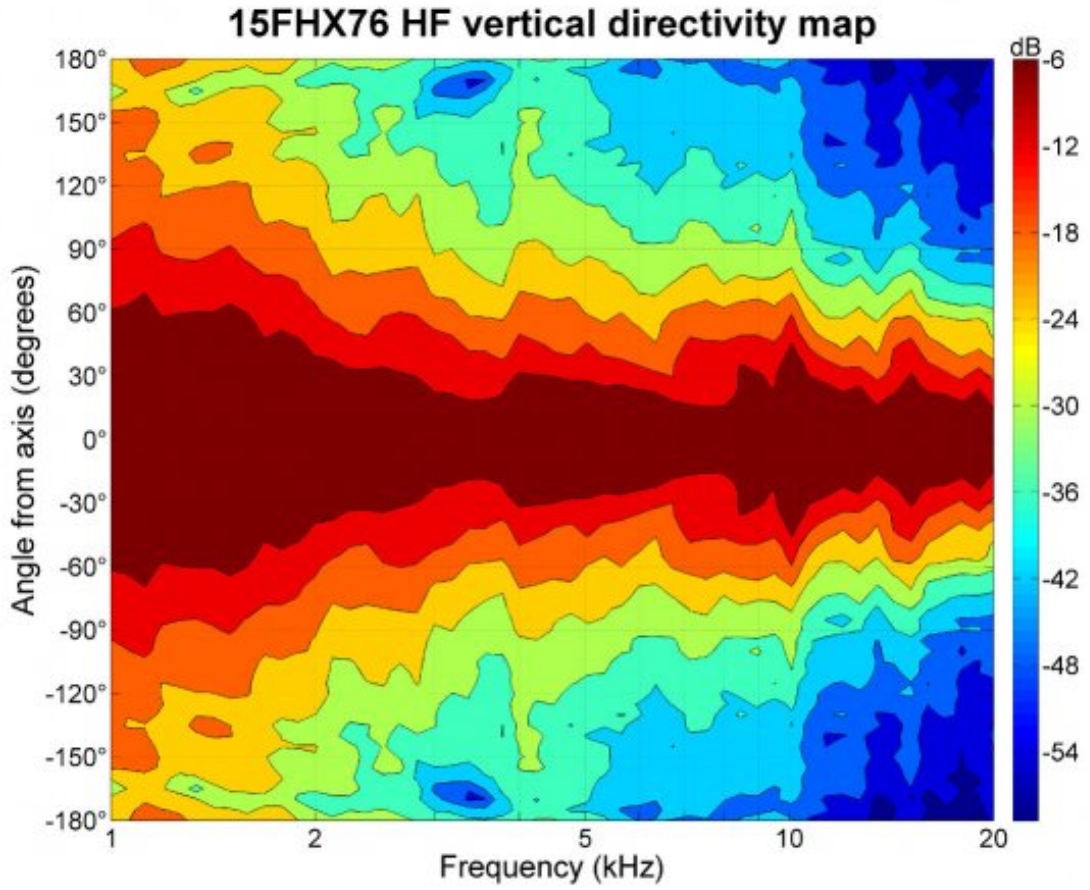
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+115
+110
+105
+100
+95
+90
+85
+80
+75
+70
+65
dB SPL
20
50
100
200
500
1k
2k
5k
10k
20k
Hz


200
100
50
20
10
5
2
OHM
+90
+75
+60
+45
+30
+15
+0
-15
-30
-45
-60
-75
-90
DEG
20
50
100
200
500
1k
2k
5k
10k
20k
Hz

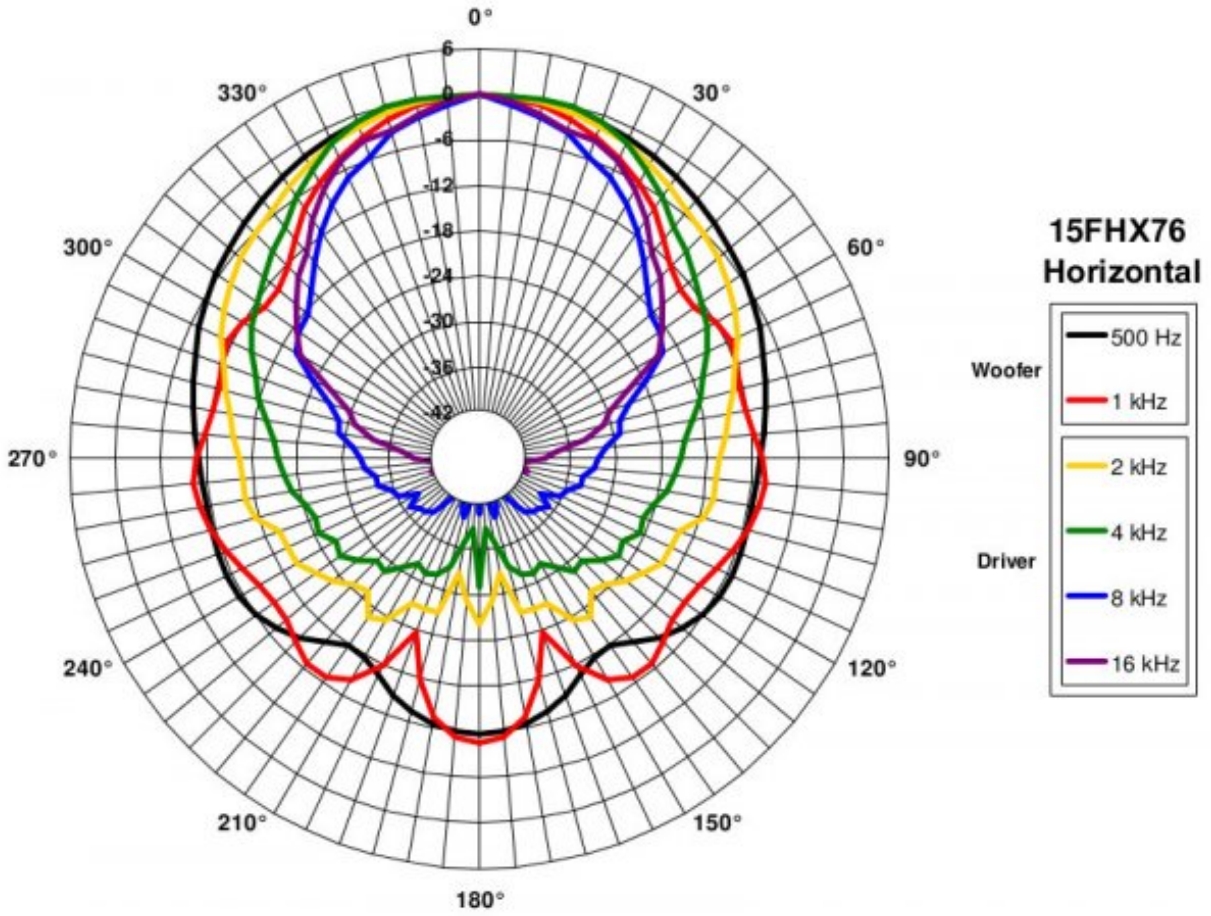
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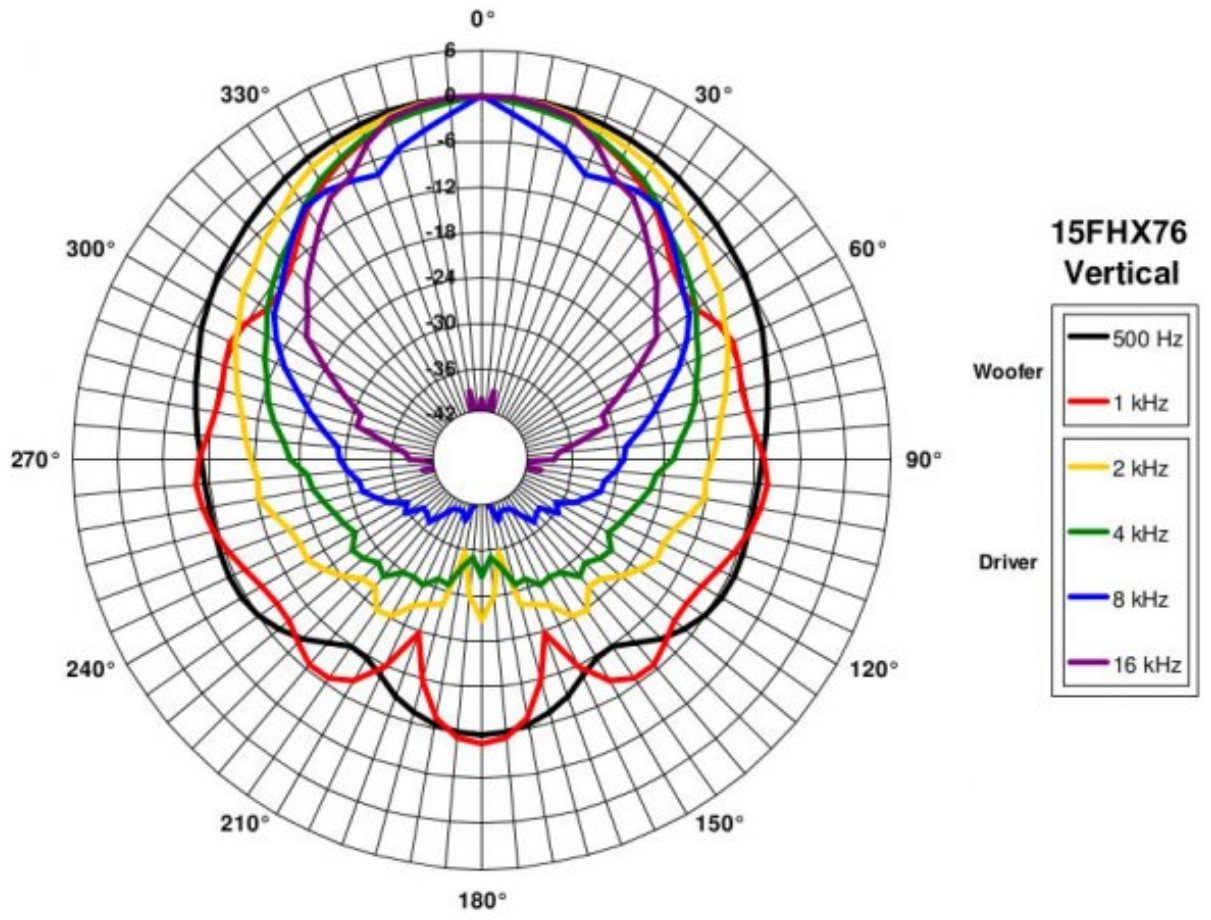




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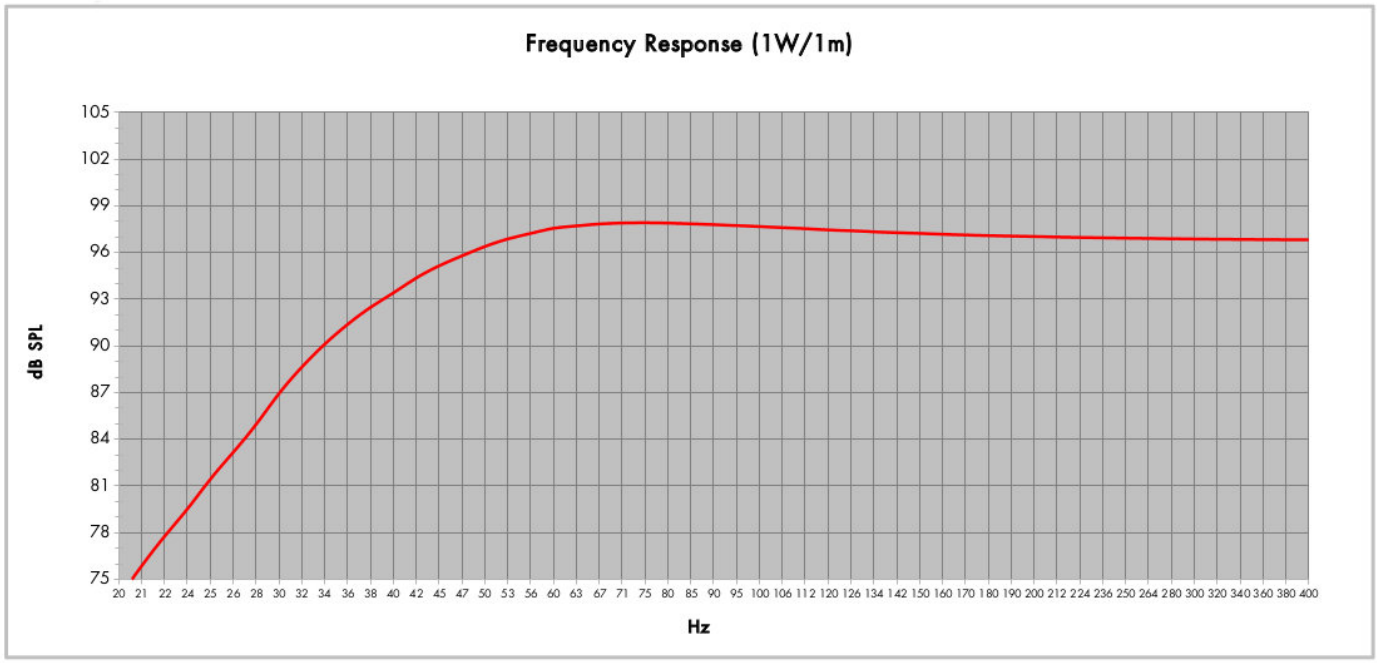
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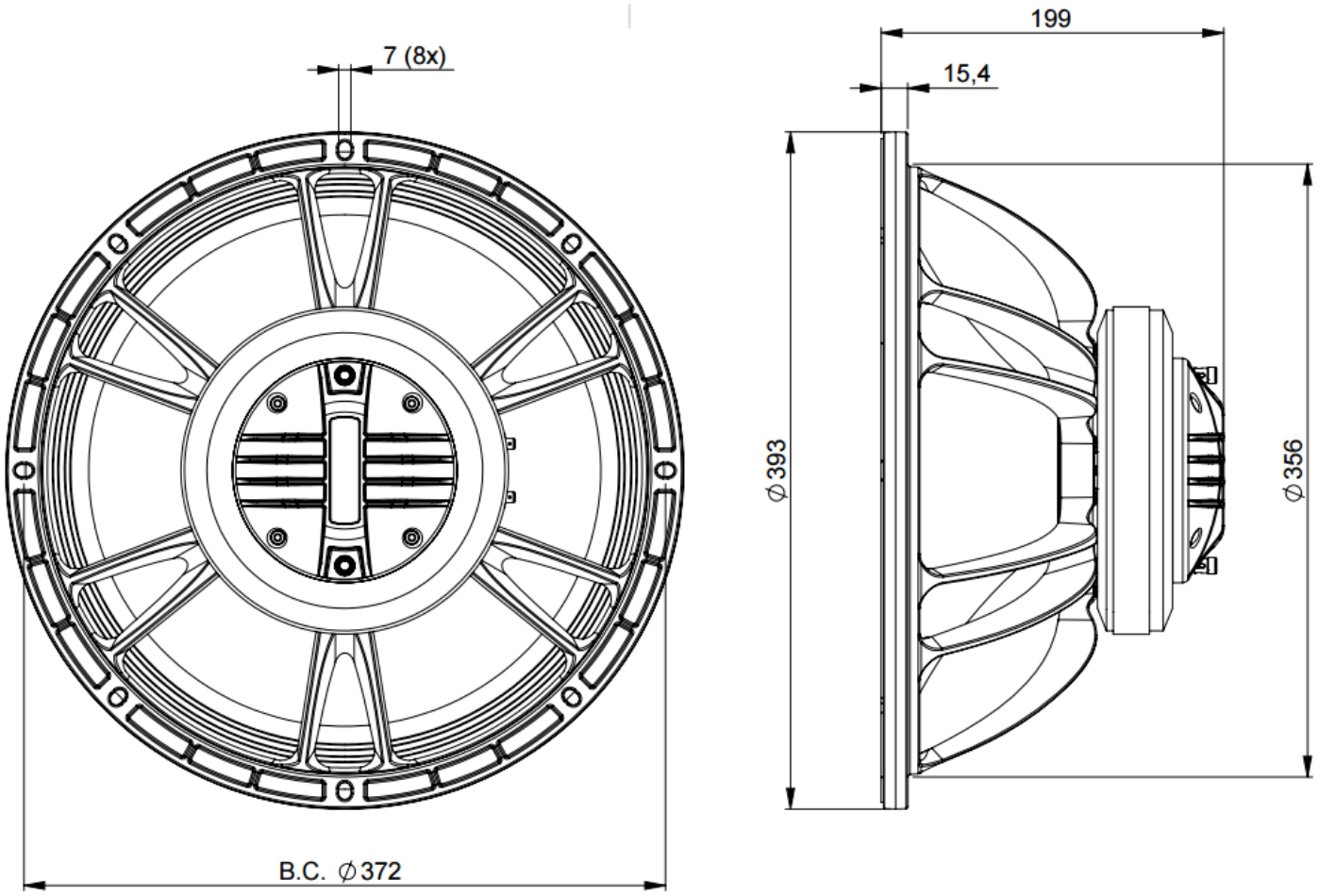
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Model:	**15FHX76**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**160**	QB:	**7**
Tuning Frequency (Hz):	**40**	Port Area (cm²):	**277,5**
Frequency (-3 dB) (Hz):	**40,8**	Port Length (cm):	**16,1**

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