

12FW76 4 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 55 - 3000 Hz response
- 99 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure



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SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	4 Ω
Minimum Impedance	4.2 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	99 dB
Applied RMS Voltage is set to 2V for 4 ohm Nominal Impedance	
Frequency Range	55 Hz - 3000 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	1.35 T
Woofers Cone Treatment	WP Waterproof Front Side

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	54 Hz
Re	3.1 Ω
Qes	0.17
Qms	4.2
Qts	0.18
Vas	48.5 dm³ (1.71 ft³)
Sd	522 cm² (80.91 in²)
η ₀	4.15 %
X _{max}	7 mm
X _{var}	8.5 mm
M _{ms}	69.5 g
Bl	20.4 Tm
Le	1 mH
EBP	318 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Single
Pole Design	T-Pole
Woofers Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	40 dm³ (1.41 ft³)
Recommended Tuning	65 Hz

MOUNTING AND SHIPPING INFO

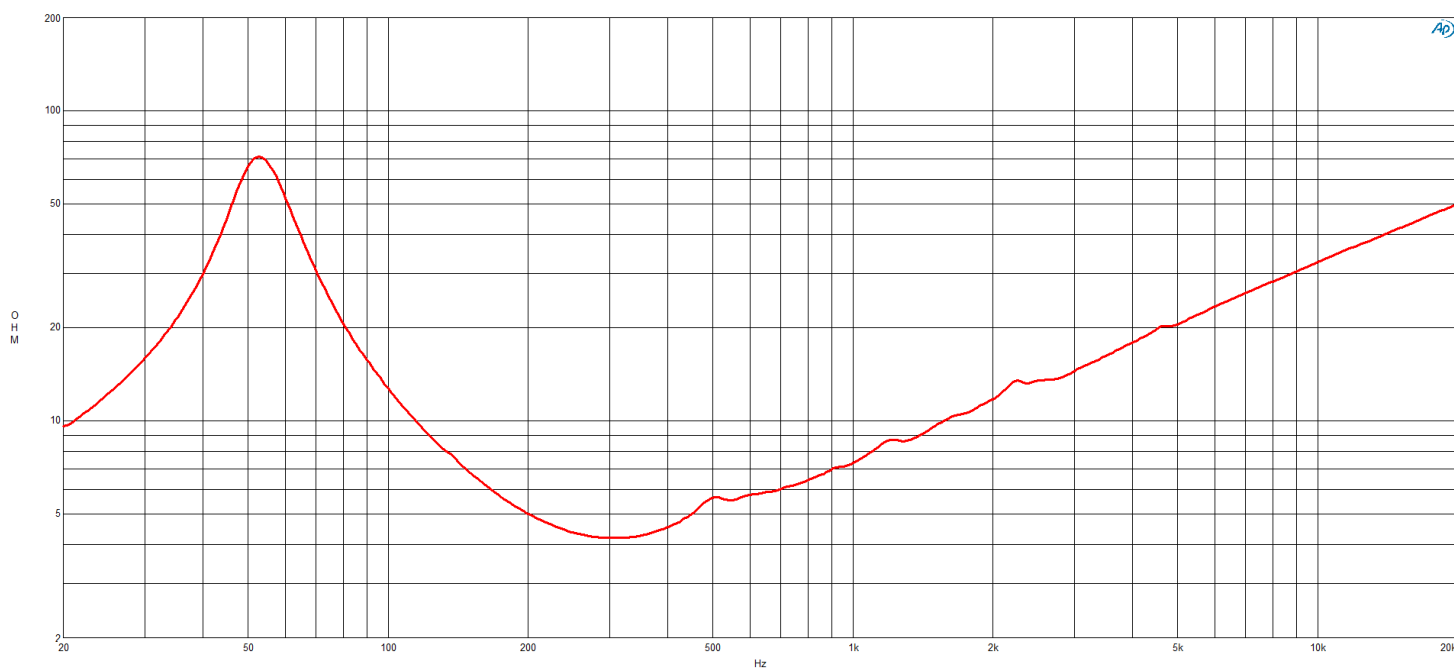
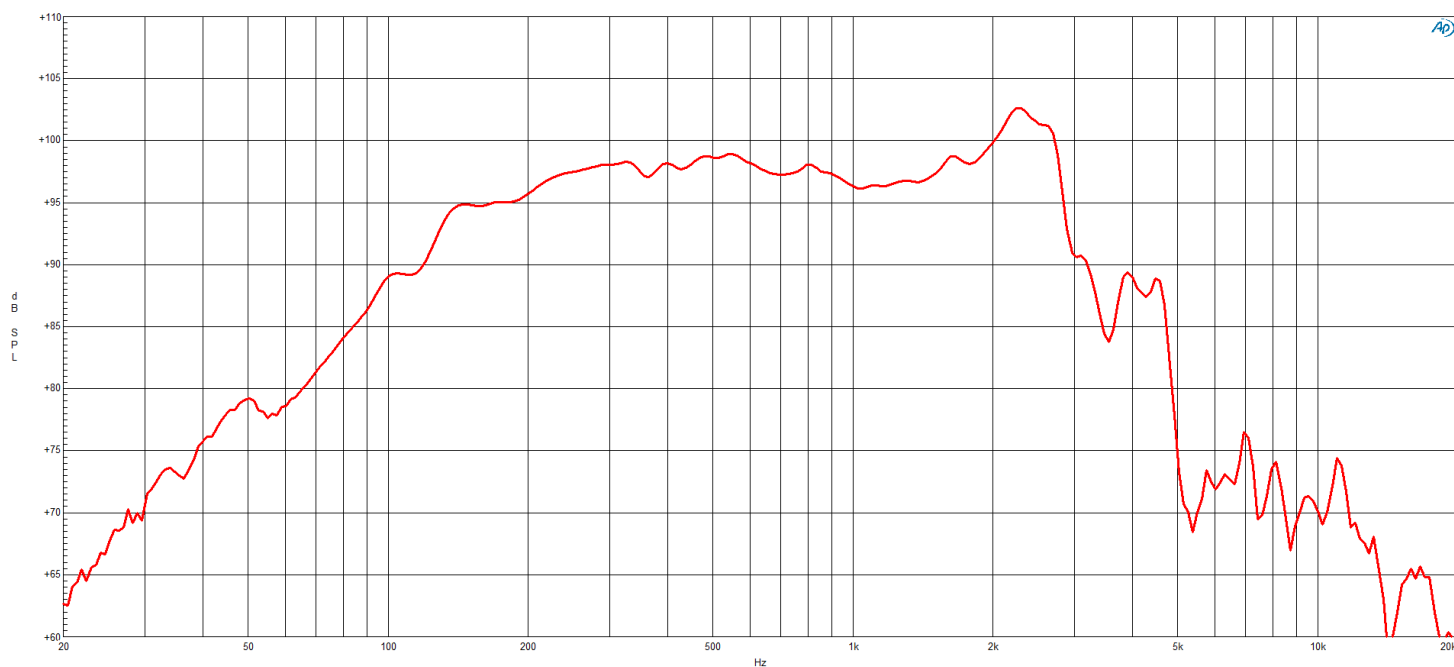
Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.7 in)
Baffle Cutout Diameter	283 mm (11.1 in)
Depth	147 mm (5.79 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air Volume Occupied by Driver	3 dm³ (0.1 ft³)
Net Weight	8.55 kg (18.85 lb)
Shipping Units	1 pcs
Shipping Weight	9.45 kg (20.83 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK12FW768
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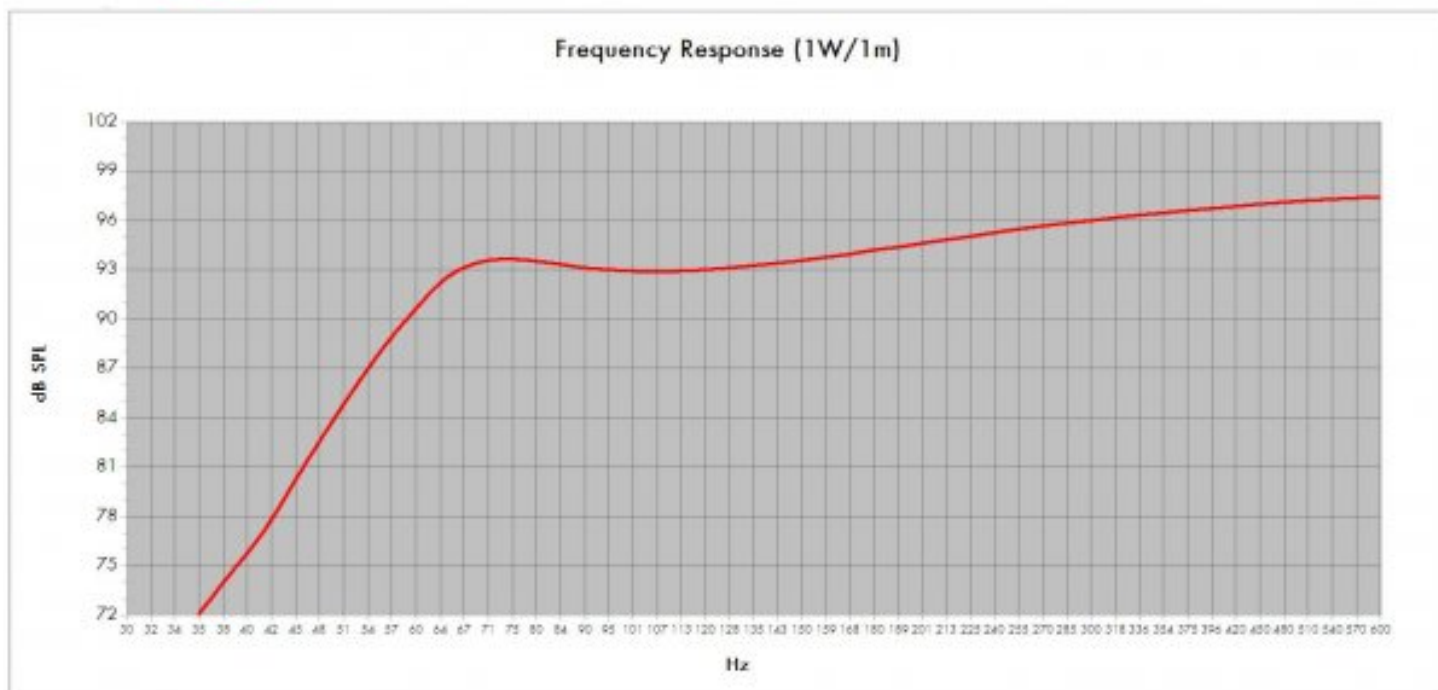
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Model:	12FW76	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	40	QB:	4
Tuning Frequency (Hz):	65	Port Area (cm ²):	138,7
Frequency [-3 dB] (Hz):	230,4	Port Length (cm):	13,1

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