

12HPL76 8 Ω

Woofer

700 W continuous program power capacity
76 mm (3 in) aluminium voice coil
50 - 3500 Hz response
99 dB sensitivity
Neodymium magnet allows a very light yet powerful motor assembly
Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.7 Ω
Nominal Power Handling	350 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	700 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	99 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 3500 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	18 mm (0.68 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.15 T
Woofer Cone Treatment	None

PARAMETERS

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

Fs	49 Hz
Re	6 Ω
Qes	0.26
Qms	2.5
Qts	0.25
Vas	91 dm³ (3.2 ft³)
Sd	522 cm² (80.9 in²)
η0	4.1 %
Xmax	4 mm
Xvar	5.5 mm
Mms	43 g
Bl	17.3 Tm
Le	1.5 mH
EBP	188 Hz

DESIGN

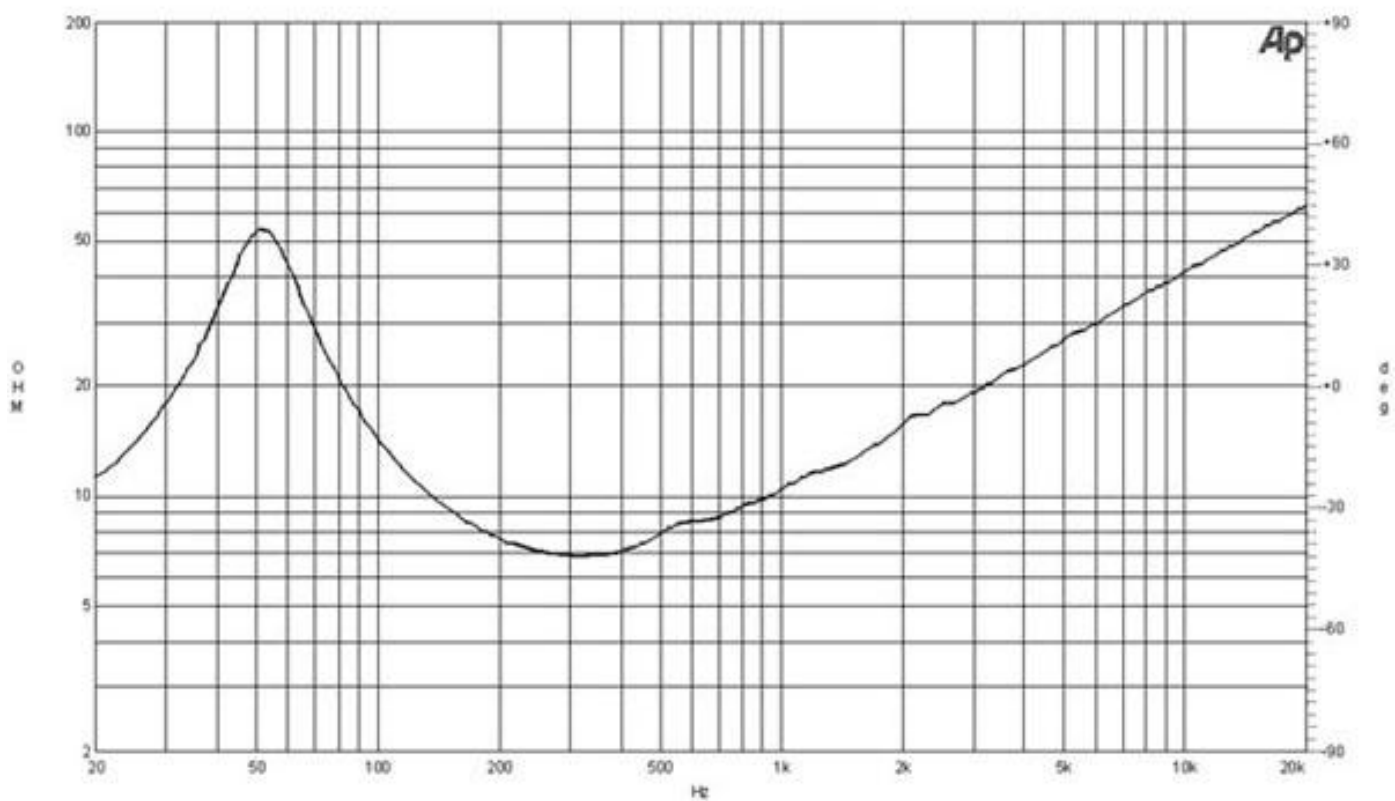
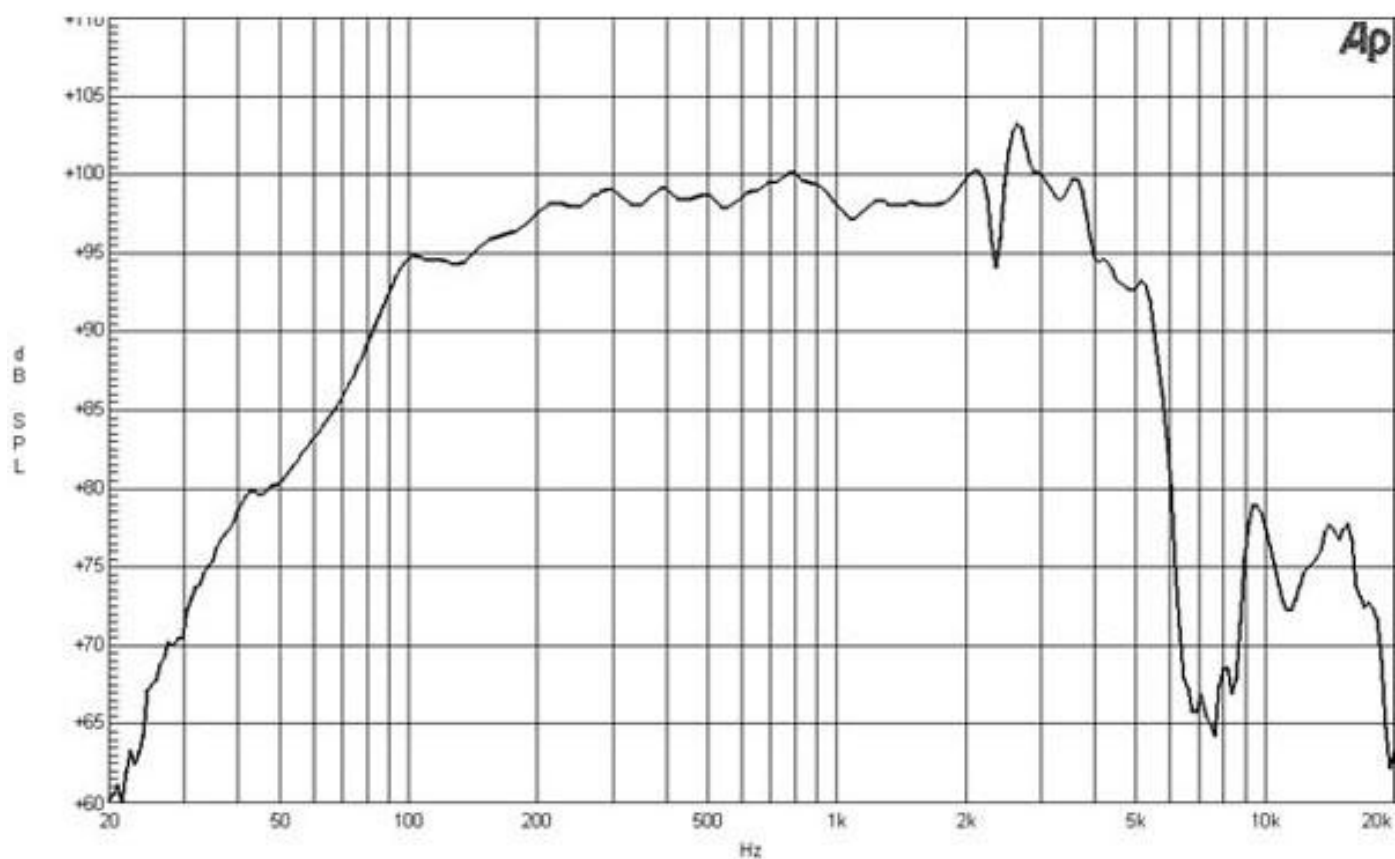
Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	None
Recommended Enclosure	40 dm³ (1.41 ft³)
Recommended Tuning	70 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	144 mm (5.7 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Net Weight	3.15 kg (6.94 lb)
Shipping Units	1 pcs
Shipping Weight	4.05 kg (8.93 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK012HPL768
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