

LF Drivers

Ø 12 inches

320K/C-A 8 Ω

Full-range

- 240 W continuous program power capacity
- 38 mm (1.5 in) copper voice coil
- 80 - 16000 Hz response
- 101 dB sensitivity
- Shorting copper cap for extended HF response



SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Nominal Power Handling	120 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	240 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	101 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	80 Hz - 16000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Copper
Former Material	Kraft Paper
Winding Depth	9 mm (0.37 in)
Magnetic Gap Depth	9 mm (0.35 in)
Flux Density	1.4 T
Woofer Cone Treatment	None

PARAMETERS

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

Fs	82 Hz
Re	5.4 Ω
Qes	0.52
Qms	13.3
Qts	0.5
Vas	53 dm³ (1.87 ft³)
Sd	522 cm² (80.91 in²)
η0	5.4 %
Xmax	2 mm
Mms	27 g
Bl	12.2 Tm
Le	1.1 mH
EBP	158 Hz

DESIGN

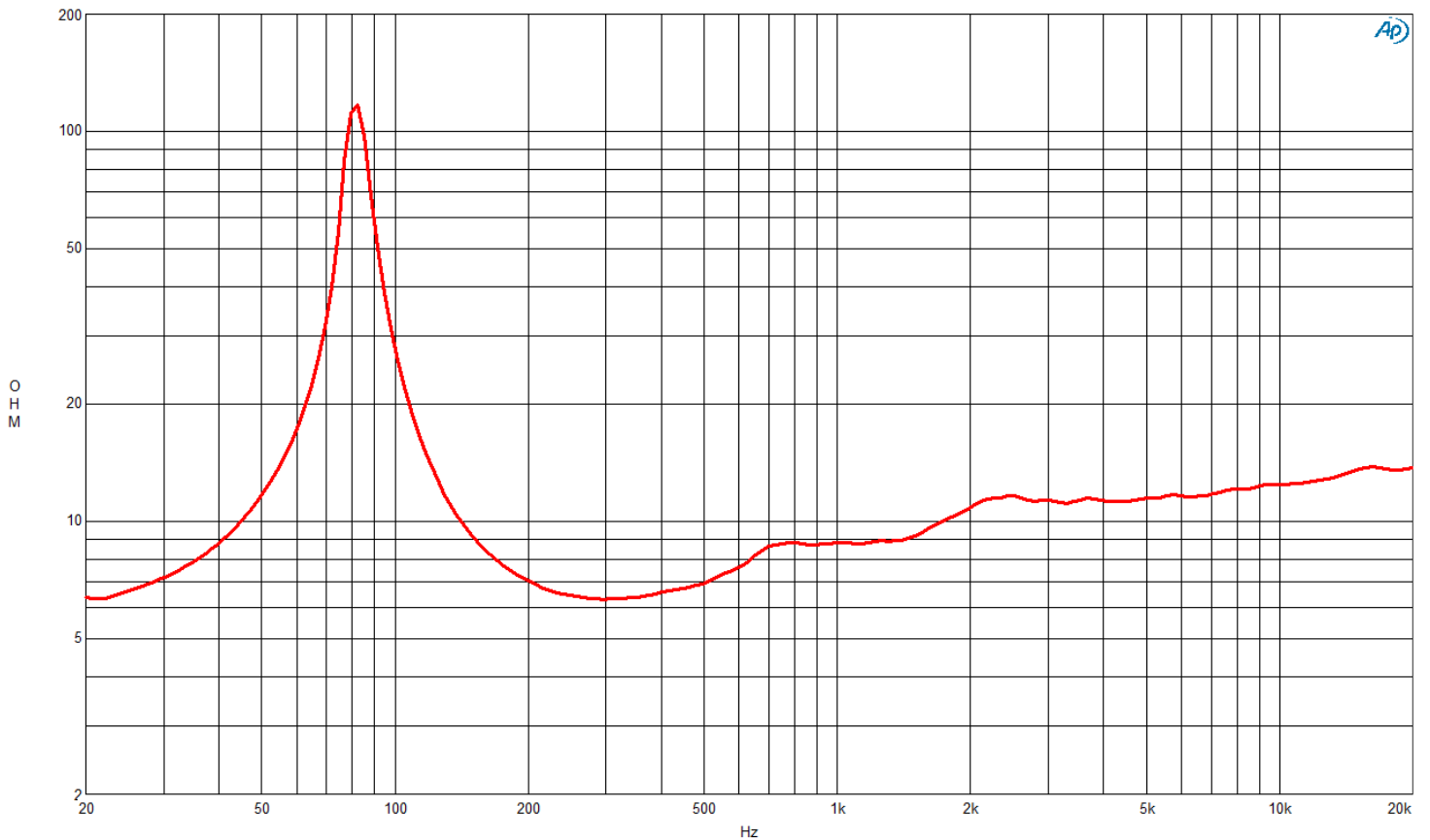
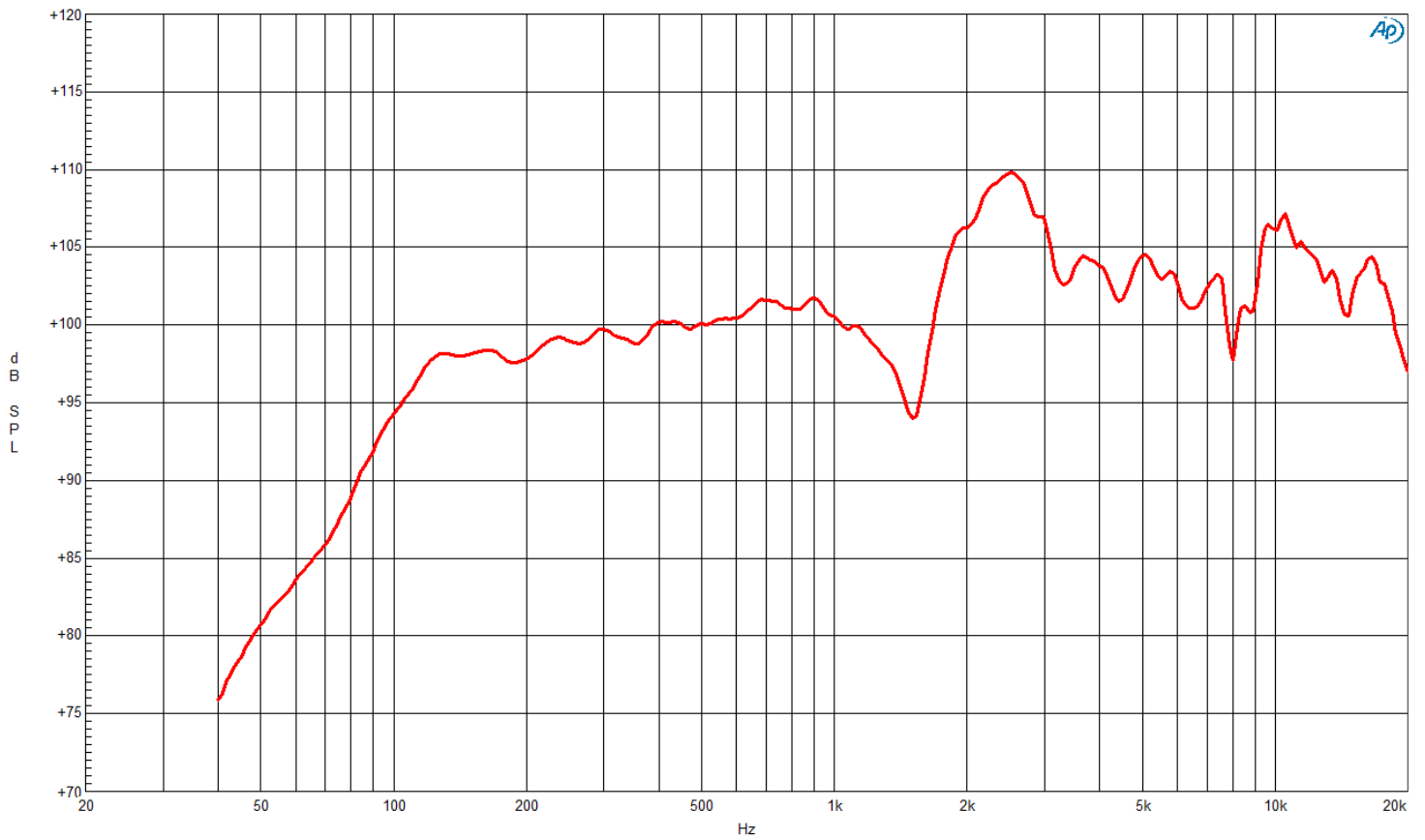
Surround Shape	Accordion
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	None
Recommended Enclosure	60 dm³ (2.12 ft³)
Recommended Tuning	75 Hz

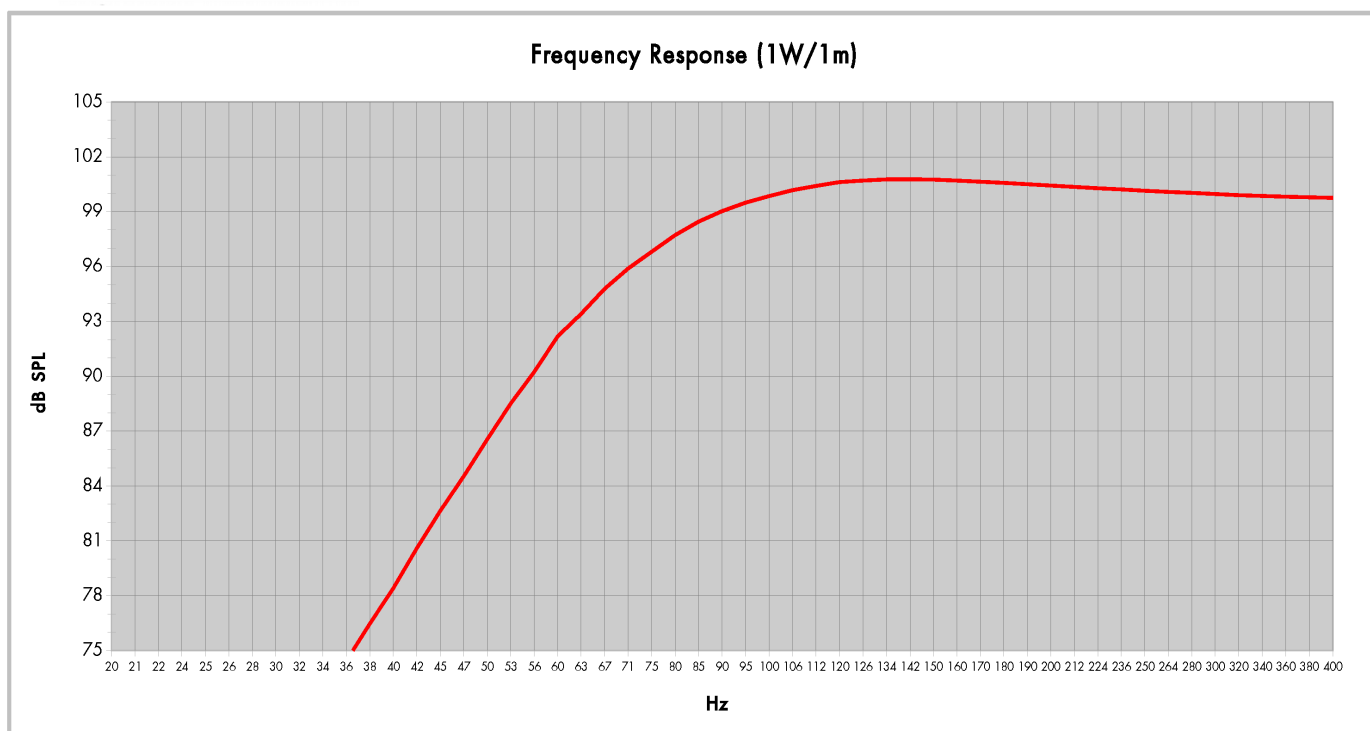
MOUNTING AND SHIPPING INFO

Overall Diameter	316 mm (12.44 in)
Bolt Circle Diameter	298 mm (11.73 in)
Baffle Cutout Diameter	286 mm (11.26 in)
Depth	136 mm (5.35 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air Volume Occupied by Driver	3 dm³ (0.11 ft³)
Net Weight	4.6 kg (10.14 lb)
Shipping Units	1 pcs
Shipping Weight	5.5 kg (12.13 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

SERVICE KITS

LF recone-kits	RCK320KC8A
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Model:	320K/CA	Configuration:	One Driver
Enclosure Type:	Bass Reflex	QB:	7
Internal Net Volume (Litres):	60	Port Area (cm ²):	165,0
Tuning Frequency (Hz):	75	Port Length (cm):	1,9
Frequency (-3 dB) (Hz):	73,5		
Frequency (-10 dB) (Hz):	54,7		

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