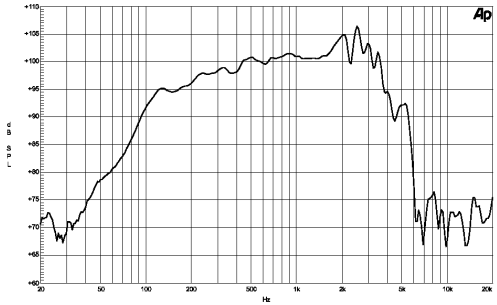
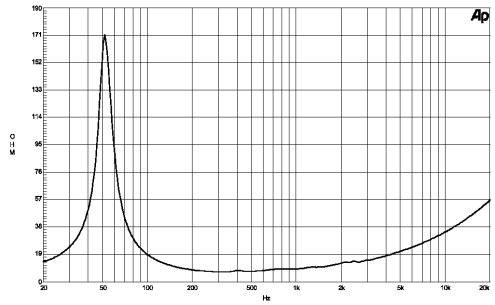
12 MH 32 | Mid-Bass

Extremely high efficiency mid-bass, 3” aluminium voice coil, 800 watts power handling, provides excellent linearity up to 2.5 kHz. A dedicated magnet assembly that includes demodulation rings has been studied to control distortion





Specifications

Nominal Diameter	320 mm (12 in.)
Nominal Impedance	8 Ω
Minumum Impedance	6.8 Ω
Power Handling (70 –700 Hz)	
Nominal[1]	400 W
Continuous Program[2]	800 W
Sensitivity (1W/1m)[3]	101 dB
Frequency Range	50-3000 Hz
Voice Coil Diameter	76 mm (3 in.)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	14 mm (9/16 in.)
Magnetic Gap Depth	8 mm (5/16 in.)
Flux Density	1.4 T

Also available in 4 Ω, data upon request

Thiele & Small Parameters[4]

Fs	52 Hz
Re	5.4 Ω
Qes	0.2
Qms	6.3
Qts	0.19
Vas	71 dm.^{3} (2.5 cu. ft.)
Sd	522 cm.^{2} (80.9 sq. in.)
η_0	5 %
X max	± 3.5 mm.
Mms	50 gr.
Bl	21.3 Tm
Le	1.1 mH

Mounting and Shipping Informations

Overall Diameter	316 mm. (12.4 in.)
Bolt Circle Diameter	296 mm. (11.6 in.)
Baffle Cutout Diameter	282 mm. (11.1 in.)
Depth	134 mm. (5.3 in.)
Flange and Gasket Thickness	16 mm. (5/8 in.)
Net Weight	7.4 Kg. (16.3 lb.)
Shipping Weight	8.3 Kg. (18.3 lb.)
Shipping Box	380x380x170 mm (15x15x6.7 in.)

[1] 2 hours test made with continuous pink noise signal (6 dB crest factor) within the specified range . Power calculated on rated minimum impedance. Loudspeaker in free air.
[2] Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
[3] Applied RMS Voltage is set to 2.83V for 8 ohms and 4V for 16 ohms Nominal Impedance. Average SPL from 200 to 3000 Hz.
[4] Thiele-Small parameters are measured after a high level 20 Hz sine wave pre-conditioning test.