

12MH32

FE MID-BASS



800 W
continuous program
power capacity

76 mm (3 in)
copper voice coil

Aluminium
demodulating ring
for very low distortion

101 dB
sensitivity

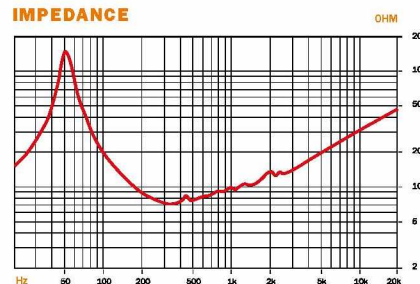
50 - 3000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) 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 (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.4 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	53 Hz
Re	5.2 Ω
Qes	0.2
Qms	7.2
Qts	0.19
Vas	63 dm ³ (2.2 ft ³)
Sd	522 cm ² (80.9 in ²)
η ₀	4.8 %
X max	± 5 mm
X var	± 7 mm
Mms	54 g
Bl	22.3 T·m
Le	0.83 mH
EBP	265 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	316 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	133 mm (5.24 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air volume occupied by driver	3.3 dm ³ (0.12 ft ³)
Net Weight	7.6 kg (16.7 lb)
Shipping Weight	8.5 kg (18.74 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)
Service kit	RCK012MH32-8

Also available in 16 Ω, data upon request

¹ Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified range Fs-10Fs. 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 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 200 to 2000 Hz.

⁴ Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.