

12MH32

LF Drivers - 12.0 Inches

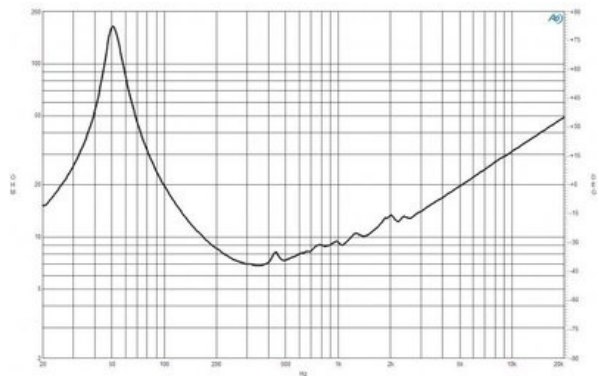
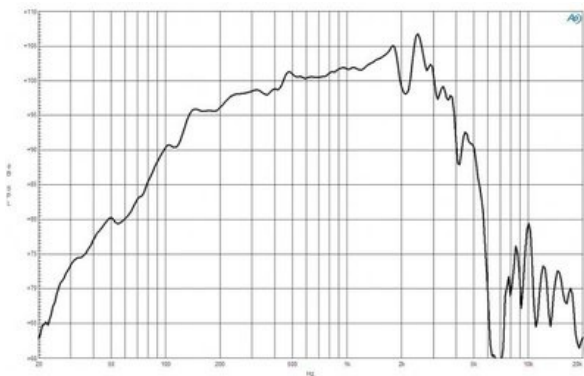


- 800 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 50 - 3000 Hz response
- 101 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure



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SPECIFICATIONS

Nominal diameter	320 mm (12.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.5 Ω
Nominal power handling ¹	400 W
Continuous power handling ²	800 W
Sensitivity (1W/1m) ³	101.0 dB
Frequency range	50 - 3000 Hz
Voice coil diameter	76 mm (3.0 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

DESIGN

Surround shape	Double Roll
Cone shape	Radial
Magnet material	Ferrite
Spider	Single
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side

PARAMETERS

Fs	53 Hz
Re	5.2 Ω
Qes	0.2
Qms	7.2
Qts	0.19
Vas	63.0 dm ³ (2.2 ft ³)
Sd	522.0 cm ² (80.9 in ²)
η _o	4.8 %
Xmax	5.0 mm
Xvar	7.0 mm
Mms	54 g
Bl	22.3 Txm
Le	0.83 mH
EBP	265 Hz

MOUNTING AND SHIPPING INFO

Overall diameter	316 mm (12.4 in)
Bolt circle diameter	296 mm (11.6 in)
Baffle cutout diameter	282.0 mm (11.1 in)
Depth	133 mm (5.24 in)
Flange and gasket thickness	12 mm (0.49 in)
Air volume occupied by driver ³	3.3 dm ³ (0.12 ft ³)
Net weight	7.6 kg (16.7 lb)
Shipping units	1
Shipping weight	8.4 kg (18.5 lb)
Shipping box	365x365x210 mm (14.4x14.4x8.3 in)

SERVICE KIT

RCK012MH328

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the 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.