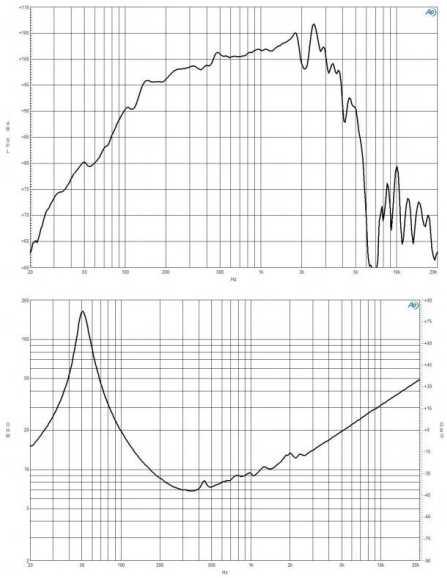

12MH32

LF Drivers FE - 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

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	Ceramic

Design

Spider	Single
Pole design	T-Pole
Woofer cone treatment	WP Waterproof Front Side

Parameters[4]

Fs	53 Hz
Re	5 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_0	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	134 mm (5.3 in)
Flange and gasket thickness	16 mm (0.6 in)
Air volume occupied by driver	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

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