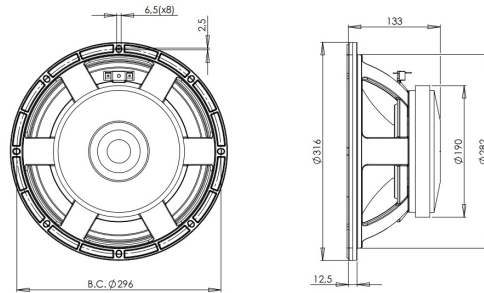


# 12MH32

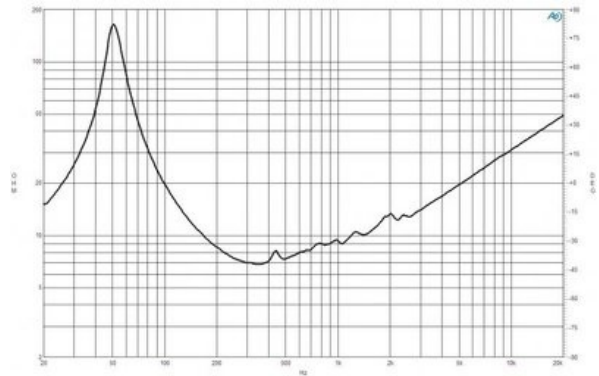
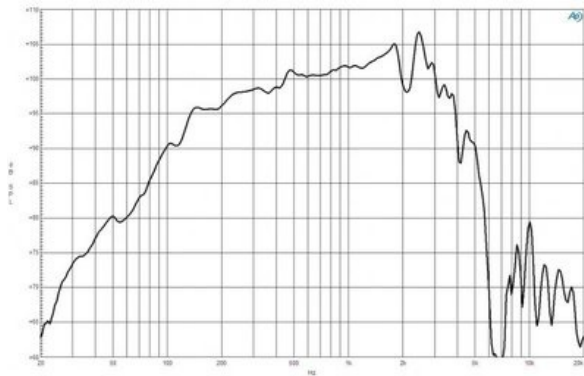
**8Ω****LF Drivers - 12.0 Inches**

- 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



# 12MH32

## LF Drivers- 12.0 Inches



### SPECIFICATIONS

|  |                  |
|--|------------------|
| Nominal Diameter                       | 320 mm (12.0 in) |
| Nominal Impedance                      | 8 Ω              |
| Minimum Impedance                      | 6.5 Ω            |
| Nominal Power Handling <sup>1</sup>    | 400 W            |
| Continuous Power Handling <sup>2</sup> | 800 W            |
| Sensitivity <sup>3</sup>               | 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<sup>4</sup>

|                     |   |
|---------------------|---|
| Resonance Frequency | 53 Hz   |
| Re                  | 5.2 Ω   |
| Qes                 | 0.2   |
| Qms                 | 7.2   |
| Qts                 | 0.19  |
| Vas                 | 63.0 dm <sup>3</sup> (2.2 ft <sup>3</sup> )   |
| Sd                  | 522.0 cm <sup>2</sup> (80.9 in <sup>2</sup> ) |
| η <sub>o</sub>      | 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 dm <sup>3</sup> (0.12 ft <sup>3</sup> ) |
| 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

- 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.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
- Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.