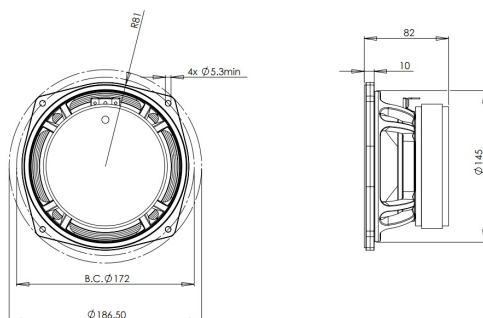


# 6MD38

8Ω

LF Drivers - 6.5 Inches

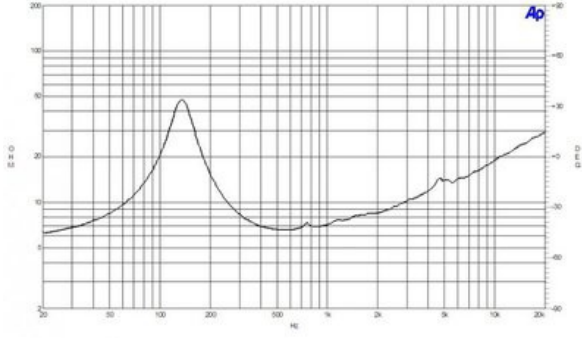
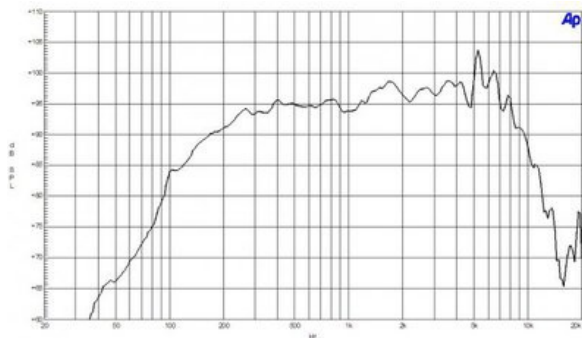


- 240 W continuous program power capacity
- 38 mm (1.5 in) aluminium voice coil
- 150 - 6000 Hz response
- 96 dB sensitivity



# 6MD38

## LF Drivers- 6.5 Inches



### SPECIFICATIONS

|  |                  |
|--|------------------|
| Nominal Diameter                       | 170 mm (6.5 in)  |
| Nominal Impedance                      | 8 $\Omega$       |
| Minimum Impedance                      | 6.5 $\Omega$     |
| Nominal Power Handling <sup>1</sup>    | 120 W            |
| Continuous Power Handling <sup>2</sup> | 240 W            |
| Sensitivity <sup>3</sup>               | 96.0 dB          |
| Frequency Range                        | 150 - 6000 Hz    |
| Voice Coil Diameter                    | 38 mm (1.5 in)   |
| Winding Material                       | Aluminium        |
| Former Material                        | Glass Fibre      |
| Winding Depth                          | 9.0 mm (0.35 in) |
| Magnetic Gap Depth                     | 6.0 mm (0.25 in) |
| Flux Density                           | 1.4 T            |

### DESIGN

|                       |                          |
|-----------------------|--------------------------|
| Surround Shape        | Triple Roll              |
| Cone Shape            | Exponential              |
| Magnet Material       | Ferrite                  |
| Spider                | Single                   |
| Pole Design           | T-Pole                   |
| Woofer Cone Treatment | WP Waterproof Front Side |

### PARAMETERS<sup>4</sup>

|                     |   |
|---------------------|---|
| Resonance Frequency | 130 Hz  |
| Re                  | 5.7 $\Omega$                                  |
| Qes                 | 0.49  |
| Qms                 | 3.7   |
| Qts                 | 0.44  |
| Vas                 | 3.0 dm <sup>3</sup> (0.1 ft <sup>3</sup> )    |
| Sd                  | 132.0 cm <sup>2</sup> (20.5 in <sup>2</sup> ) |
| $\eta_e$            | 1.4 %   |
| Xmax                | 2.0 mm  |
| Xvar                | 4.5 mm  |
| Mms                 | 12.0 g  |
| Bl                  | 10.5 Txm                                      |
| Le                  | 0.25 mH                                       |
| EBP                 | 265 Hz  |

### MOUNTING AND SHIPPING INFO

|                               |   |
|-------------------------------|---|
| Overall Diameter              | 187 mm (7.4 in)                             |
| Bolt Circle Diameter          | 172 mm (6.7 in)                             |
| Baffle Cutout Diameter        | 145.0 mm (5.7 in)                           |
| Depth                         | 82 mm (3.2 in)                              |
| Flange and Gasket Thickness   | 9 mm (0.35 in)                              |
| Air Volume Occupied by Driver | 0.8 dm <sup>3</sup> (0.03 ft <sup>3</sup> ) |
| Net Weight                    | 2.2 kg (4.8 lb)                             |
| Shipping Units                | 1   |
| Shipping Weight               | 2.4 kg (5.29 lb)                            |
| Shipping Box                  | 210x210x125 mm (8.27x8.27x4.92 in)          |

### SERVICE KIT

|            |
|------------|
| RCK06MD388 |
|------------|

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.