

5NSM38

8Ω

LF Drivers - 5.0 Inches



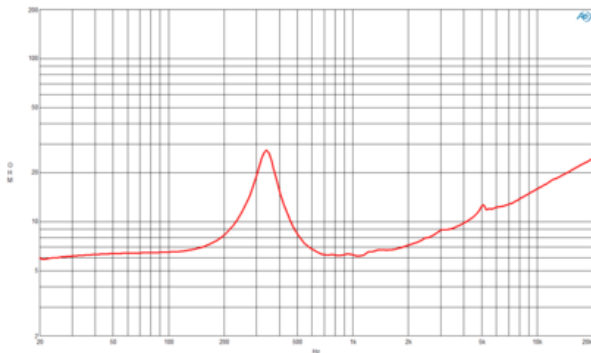
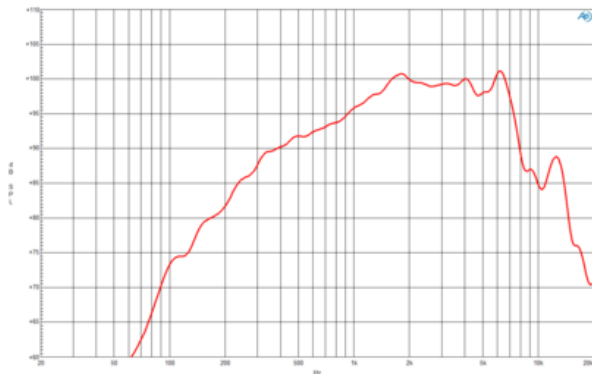
- 220 W continuous program power capacity
- 38 mm (1.5 in) aluminium voice coil
- 300 - 3500 Hz response
- 99 dB sensitivity
- Ideal for Direct Radiation and Horn Loaded Midrange application
- Extremely Low Distortion Figure



Description

5NSM38

LF Drivers- 5.0 Inches



SPECIFICATIONS

| | |
|--|------------------|
| Nominal Diameter | 127 mm (5.0 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.3 Ω |
| Nominal Power Handling ¹ | 110 W |
| Continuous Power Handling ² | 220 W |
| Sensitivity ³ | 99.0 dB |
| Frequency Range | 300 - 3500 Hz |
| Voice Coil Diameter | 38 mm (1.5 in) |
| Winding Material | Aluminium |
| Former Material | Glass Fibre |
| Winding Depth | 7.0 mm (0.29 in) |
| Magnetic Gap Depth | 6.0 mm (0.24 in) |
| Flux Density | 1.45 T |

DESIGN

| | |
|-----------------------|--------------------------|
| Surround Shape | Double Roll |
| Cone Shape | Radial |
| Magnet Material | Neodymium Ring |
| Spider | Single |
| Pole Design | T-Pole |
| Woofer Cone Treatment | WP Waterproof Front Side |

PARAMETERS⁴

| | |
|---------------------|---|
| Resonance Frequency | 300 Hz |
| Re | 5.3 Ω |
| Qes | 0.99 |
| Qms | 4.1 |
| Qts | 0.79 |
| Vas | 0.3 dm ³ (0.01 ft ³) |
| Sd | 95.0 cm ² (14.73 in ²) |
| η_o | 1.15 % |
| Xmax | 2.2 mm |
| Xvar | 3.0 mm |
| Mms | 9.0 g |
| Bl | 10.1 Txm |
| Le | 0.15 mH |
| EBP | 303 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 157 mm (6.18 in) |
| Bolt Circle Diameter | 142 mm (5.59 in) |
| Baffle Cutout Diameter | 122.0 mm (4.8 in) |
| Depth | 108 mm (4.25 in) |
| Flange and Gasket Thickness | 9 mm (0.35 in) |
| Air Volume Occupied by Driver | 1.2 dm ³ (0.04 ft ³) |
| Net Weight | 1.37 kg (3.02 lb) |
| Shipping Units | 1 |
| Shipping Weight | 1.82 kg (4.01 lb) |
| Shipping Box | 255x255x150 mm (10.04x10.04x5.91 in) |

SERVICE KIT

| |
|--------------|
| RCK005NSM388 |
|--------------|

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal 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.