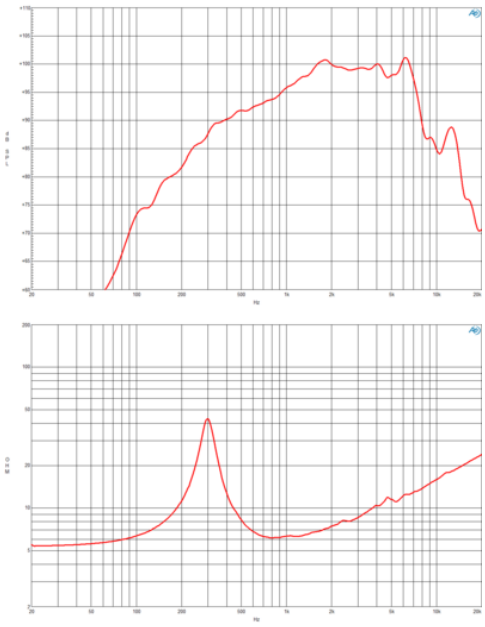

5NSM38

LF Drivers - 5.0 Inches

*** Preliminary Data ***
240 W continuous program power capacity
38 mm (1.5 in) aluminium voice coil
280 - 3500 Hz response
99 dB sensitivity
Ideal for Direct Radiation and Horn Loaded Midrange application
Extremely Low Distortion Figure
Hydrophobic Cone treatment

Specifications

Nominal diameter	127 mm (5.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.3 Ω
Nominal power handling[1]	120 W
Continuous power handling[2]	240 W
Sensitivity (1W/1m)[3]	99.0 dB
Frequency range	280 - 3500 Hz
Voice coil diameter	38 mm (1.5 in)
Winding material	Aluminium
Former material	Glass Fibre
Winding depth	7 mm (0.28 in)
Magnetic gap depth	6 mm (0.24 in)
Flux density	1.6 T

Design

Surround shape	Double Roll
Cone shape	Radial
Magnet material	Neodymium Ring

Design

Spider	Single
Pole design	T-Pole
Woofer cone treatment	Hydrophobic Treatment

Parameters[4]

Fs	290 Hz
Re	5.2 Ω
Qes	0.79
Qms	5.1
Qts	0.7
Vas	0.55 dm^3 (0.02 ft^3)
Sd	95.0 cm^2 (14.73 in^2)
η_0	1.75 %
Xmax	2.0 mm
Xvar	3.0 mm
Mms	7 g
Bl	9.1 Txm
Le	0.1 mH
EBP	367 Hz

Mounting And Shipping Info

Overall diameter	150 mm (5.91 in)
Bolt circle diameter	142 mm (5.59 in)
Baffle cutout diameter	122.0 mm (4.8 in)
Depth	104 mm (4.09 in)
Flange and gasket thickness	9 mm (0.35 in)
Air volume occupied by driver	1.5 dm^3 (0.05 ft^3)
Net weight	1.3 kg (2.87 lb)
Shipping units	1
Shipping weight	1.55 kg (3.42 lb)
Shipping box	221x214x130 mm (8.70x8.43x5.12 in)

Service Kit

RCK005NSM388

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.