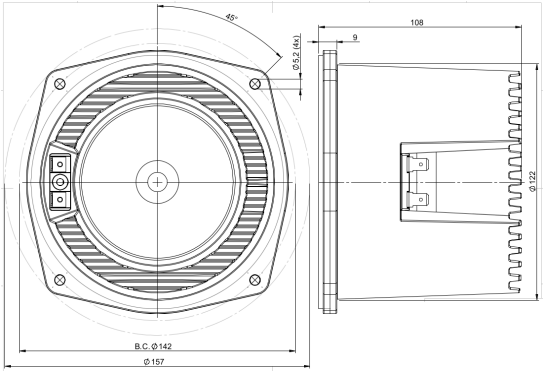
5NSM38

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

B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

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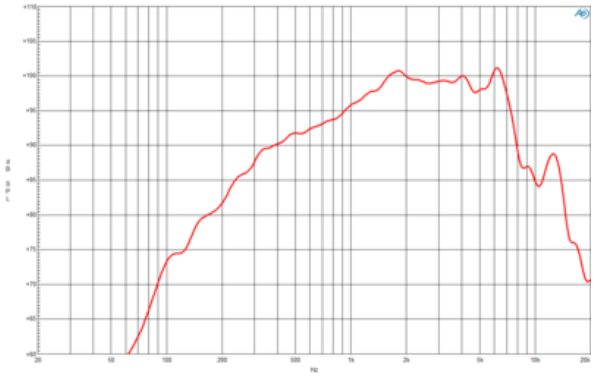

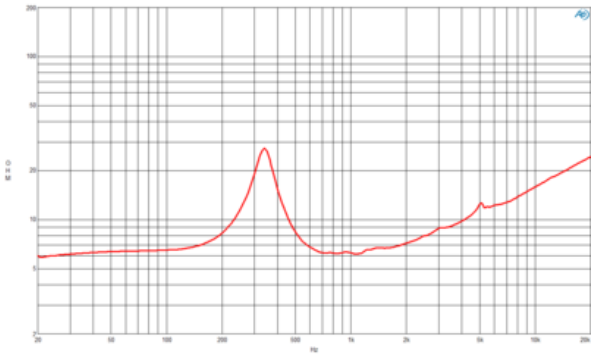

SPECIFICATIONS

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

PARAMETERS[4]

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_0	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 (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.

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