5MDN38-8

5.5 inch mid frequency driver

Features

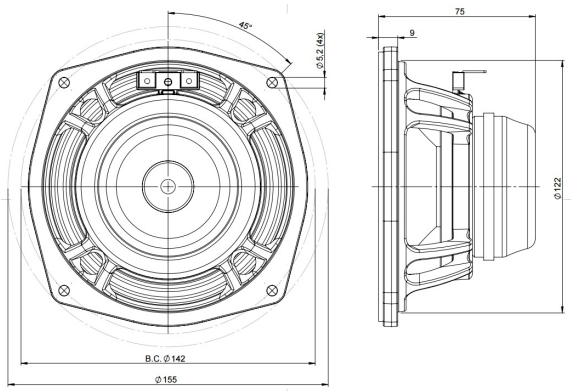
200 W continuous program power capacity
38 mm (1.5 in) aluminium voice coil
240 - 10000 Hz response
96 dB sensitivity

SPECIFICATIONS

Nominal Diameter	127 mm (5.0 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.0 Ω
Nominal Power Handling[1]	100 W
Continuous Power	200 W
Handling[2]Sensitivity[3]	96.0 dB
Frequency Range	240 - 10000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	10.0 mm (0.4 in)
Magnetic Gap Depth	6.0 mm (0.24 in)
Flux Density	1.25 T

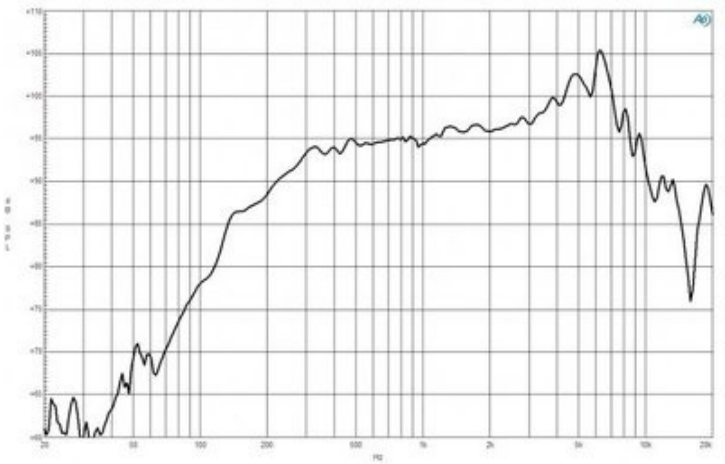
PARAMETERS[4]

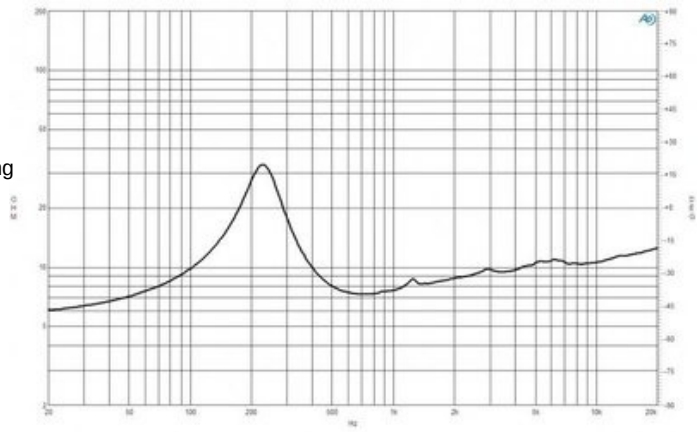
Resonance Frequency	240 Hz
Re	5.6 Ω
Qes	0.54
Qms	2.6
Qts	0.45
Vas	0.6 dm^3 (0.02 ft^3)
Sd	95.0 cm^2 (14.7 in^2)
η_0	1.7 %
Xmax	3.5 mm
Xvar	2.5 mm
Mms	9.0 g
Bl	11.5 Txm
Le	0.4 mH
EBP	444 Hz



MOUNTING AND SHIPPING INFO

Overall Diameter	155 mm (6.1 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122.0 mm (4.8 in)
Depth	75 mm (2.95 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air Volume Occupied by Driver	0.35 dm^3 (0.01 ft^3)
Net Weight	0.85 kg (1.9 lb)
Shipping Units	1
Shipping Weight	1.05 kg (2.31 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)





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.

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