

5MDN38

ND MIDRANGE



200 W
continuous program
power capacity

38 mm (1.5 in)
copper voice coil

Shorting copper cap
for extended
HF response

96 dB
sensitivity

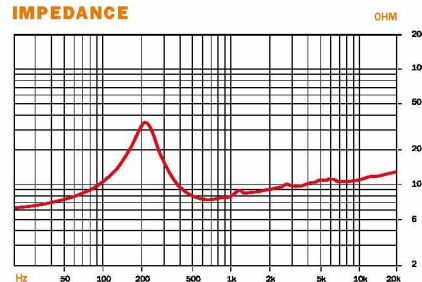
240 - 10000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	127 mm (5 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.0 Ω
Power Handling	
Nominal (AES) ¹	100 W
Continuous Program ²	200 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	240 - 10000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	10 mm (0.4 in)
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.25 T
Magnet Material	Neodymium Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	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 cm ² (14.7 in ²)
η _o	1.7 %
X max	± 3.5 mm
X var	± 2.5 mm
Mms	9 g
Bl	11.5 T·m
Le	0.4 mH
EBP	444 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	150 mm (5.9 in)
Bolt Circle Diameter	142 mm (5.6 in)
Baffle Cutout Diameter	122 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 Weight	1.05 kg (2.31 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)

Service kit **RCK005MDN38-8**

¹ Two hour test made with continuous pink noise signal (6 dB crest factor) within the specified 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 2.83V for 8 ohms Nominal Impedance.

Average SPL from 200 to 7000 Hz.

⁴ Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Also available in 16 Ω, data upon request