

6MD38

FE MIDRANGE



240 W
continuous program
power capacity

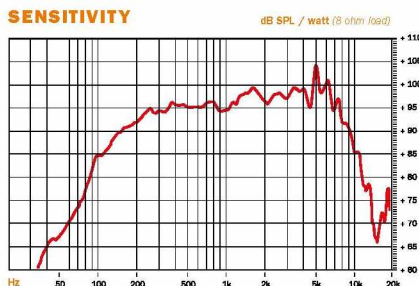
38 mm (1.5 in)
aluminium voice coil

96 dB
sensitivity

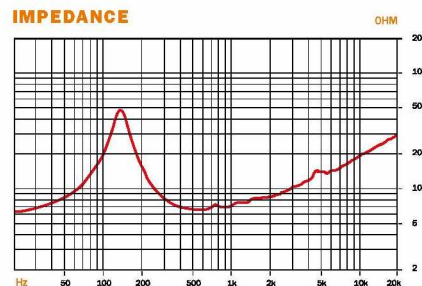
150 - 6000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) ¹	120 W
Continuous Program ²	240 W
Sensitivity (1W/1m) ³	96 dB
Frequency Range	150 - 6000 Hz
Voice Coil Diameter	38 mm (1.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	9 mm (0.35 in)
Magnetic Gap Depth	6 mm (0.25 in)
Flux Density	1.4 T
Magnet Material	Ferrite Ring
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	130 Hz
Re	5.7 Ω
Qes	0.49
Qms	3.7
Qts	0.44
Vas	3 dm ³ (0.1 ft ³)
Sd	132 cm ² (20.5 in ²)
η ₀	1.4%
X max	± 2 mm
X var	± 4.5 mm
Mms	12 g
Bl	10.5 T·m
Le	0.25 mH
EBP	265 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	187 mm (7.4 in)
Bolt Circle Diameter	172 mm (6.7 in)
Baffle Cutout Diameter	145 mm (5.7 in)
Depth	82 mm (3.2 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air volume occupied by driver	0.8 dm ³ (0.3 ft ³)
Net Weight	2.2 kg (4.8 lb)
Shipping Weight	2.45 kg (5.4 lb)
Shipping Box	210x210x125 mm (8.27x8.27x4.92 in)
Service kit	RCK006MD38-8

Also available in 16 Ω, data upon request

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 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 500 to 6000 Hz.
⁴ Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.