

10NSM76

ND MIDRANGE



800 W
continuous program
power capacity

76 mm (3 in)
aluminium voice coil

Ideal for Direct
Radiation and
Horn Loaded
Midrange application

100 dB
sensitivity

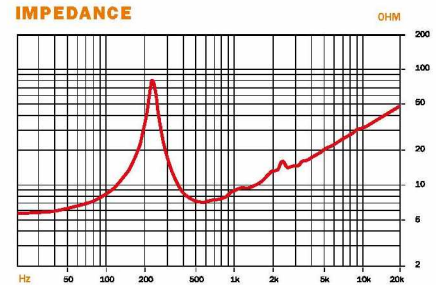
235 - 3500 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.0 Ω
Power Handling	
Nominal (AES) ¹	400 W
Continuous Program ²	800 W
Sensitivity (1W/1m) ³	100 dB
Frequency Range	235 - 3500 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	11 mm (0.45 in)
Magnetic Gap Depth	9 mm (0.35 in)
Flux Density	1.6 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Front Side

THIELE & SMALL PARAMETERS⁴

Fs	235 Hz
Re	5.2 Ω
Qes	0.55
Qms	8.6
Qts	0.52
Vas	2 dm ³ (0.07 ft ³)
Sd	320 cm ² (49.6 in ²)
η _o	4.5 %
X max	± 3.5 mm
X var	± 3.5 mm
Mms	33 g
Bl	21.5 T·m
Le	0.9 mH
EBP	427 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	291 mm (11.46 in)
Bolt Circle Diameter	274 mm (10.79 in)
Baffle Cutout Diameter	234 mm (9.21 in)
Depth	130 mm (5.12 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air volume occupied by driver	5.0 dm ³ (0.18 ft ³)
Net Weight	3.75 kg (8.27 lb)
Shipping Weight	4.65 kg (10.25 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)
Service kit	RCK10NSM76-8

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 2.83 V for 8 ohms Nominal Impedance.

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