

10HPL64

ND WOOFER



400 W
continuous program
power capacity

64 mm (2.5 in)
aluminium voice coil

Neodymium magnet
allows a very
light yet powerful
motor assembly

98.5 dB
sensitivity

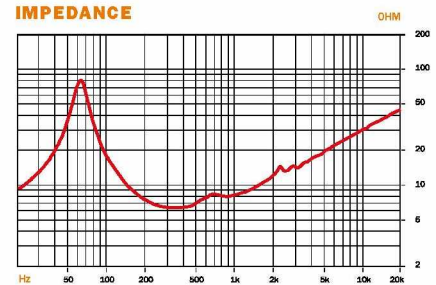
60 - 4000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Power Handling	
Nominal (AES) ¹	200 W
Continuous Program ²	400 W
Sensitivity (1W/1m) ³	98.5 dB
Frequency Range	60 - 4000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	12 mm (0.47 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	None

THIELE & SMALL PARAMETERS⁴

Fs	61 Hz
Re	5.4 Ω
Qes	0.33
Qms	4.5
Qts	0.31
Vas	32 dm ³ (1.1 ft ³)
Sd	320 cm ² (50 in ²)
η ₀	2.5 %
X max	± 4 mm
X var	± 5.5 mm
Mms	29 g
Bl	15 T·m
Le	0.5 mH
EBP	184 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (9.1 in)
Depth	122 mm (4.8 in)
Flange and Gasket Thickness	13 mm (0.51 in)
Air volume occupied by driver	1.5 dm ³ (0.05 ft ³)
Net Weight	2 kg (4.4 lb)
Shipping Weight	2.6 kg (5.7 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)
Service kit	RCK010HPL64-8

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.

Average SPL from 200 to 4000 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