8NDL51

ND WOOFER

400 W
continuous program power capacity

94 dB
sensitivity

51 mm (2 in)
copper voice coil

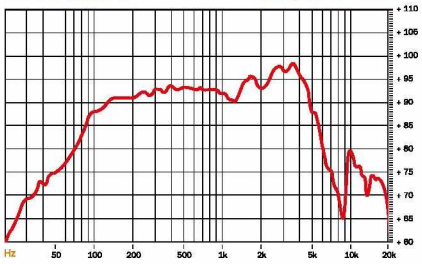
65 - 3000 Hz
response

Neodymium magnet allows a very light yet powerful motor assembly

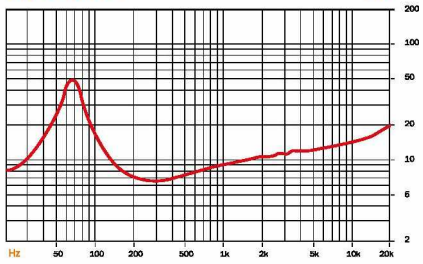
Shorting copper cap for extended HF response

Ventilated voice coil gap for reduced power compression

SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.6 Ω
Power Handling	
Nominal (AES)[1]	200 W
Continuous Program[2]	400 W
Sensitivity (1W/1m)[3]	94 dB
Frequency Range	65 - 3000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	17 mm (0.67 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.05 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Both Sides

Also available in 4 and 16 Ω, data upon request

THIELE & SMALL PARAMETERS[4]

Fs	66 Hz
Re	5.3 Ω
Qes	0.41
Qms	3.6
Qts	0.37
Vas	14 dm^3 (0.49 ft^3)
Sd	220 cm^2 (34.1 in^2)
η_0	1 %
X max	± 7 mm
X var	± 7 mm
Mms	28 g
Bl	12.4 T·m
Le	0.5 mH
EBP	160 Hz

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	90 mm (3.5 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air volume occupied by driver	1.1 dm^3 (0.04 ft^3)
Net Weight	1.8 kg (4 lb)
Shipping Weight	2.25 kg (4.96 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.90 in)
Service kit	RCK008NDL51-8

[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 300 to 3000 Hz.

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