8NW51

ND WOOFER

400 W
continuous program power capacity

51 mm (2 in)
copper voice coil

96.5 dB
sensitivity

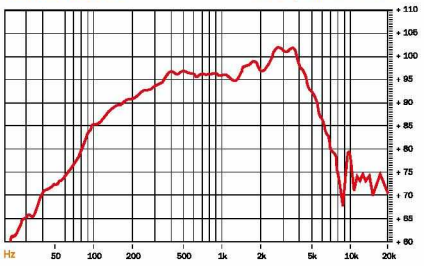
70 - 3000 Hz
response

Neodymium ring magnet allows a very high force factor and linear excursion

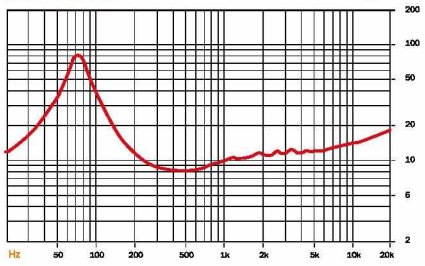
Shorting copper cap for extended HF response

Ventilated voice coil gap for reduced power compression

SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.7 Ω
Power Handling	
Nominal (AES)[1]	200 W
Continuous Program[2]	400 W
Sensitivity (1W/1m)[3]	96.5 dB
Frequency Range	70 - 3000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.75 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.3 T
Magnet Material	Neodymium Ring
Waterproof Cone Treatment	Both Sides

Also available in 4 and 16 Ω, data upon request

THIELE & SMALL PARAMETERS[4]

Fs	74 Hz
Re	5.2 Ω
Qes	0.19
Qms	2.7
Qts	0.17
Vas	11 dm^3 (0.4 ft^3)
Sd	220 cm^2 (34.1 in^2)
η_0	2.4 %
X max	± 6 mm
X var	± 6 mm
Mms	28 g
Bl	18.9 T·m
Le	0.4 mH
EBP	389 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	100 mm (4 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	3 kg (6.6 lb)
Shipping Weight	3.45 kg (7.6 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.90 in)
Service kit	RCK008NW51-8

[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 400 to 2500 Hz.

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