

# 12CL76

## ND WOOFER



**700 W**  
continuous program  
power capacity

**76 mm (3 in)**  
copper voice coil

Ventilated voice coil  
gap for reduced power  
compression

**98.5 dB**  
sensitivity

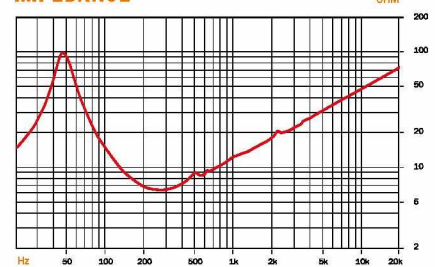
**45 - 3000 Hz**  
response



### SENSITIVITY



### IMPEDANCE



### SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling	
Nominal (AES) <sup>1</sup>	350 W
Continuous Program <sup>2</sup>	700 W
Sensitivity (1W/1m) <sup>3</sup>	98.5 dB
Frequency Range	45 - 3000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	17 mm (0.67 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.05 T
Magnet Material	Neodymium Inside Slug
Waterproof Cone Treatment	Front Side

### THIELE & SMALL PARAMETERS<sup>4</sup>

Fs	48 Hz
Re	5.2 Ω
Qes	0.22
Qms	4.8
Qts	0.21
Vas	59 dm <sup>3</sup> (2.1 ft <sup>3</sup> )
Sd	522 cm <sup>2</sup> (80.9 in <sup>2</sup> )
η <sub>o</sub>	2.9 %
X max	± 6.0 mm
X var	± 8.5 mm
Mms	70 g
Bl	22.4 T·m
Le	1.5 mH
EBP	218 Hz

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	313 mm (12.3 in)
Bolt Circle Diameter	299 mm (11.77 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	142 mm (5.59 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Air volume occupied by driver	2.3 dm <sup>3</sup> (0.08 ft <sup>3</sup> )
Net Weight	3.0 kg (6.6 lb)
Shipping Weight	3.9 kg (8.6 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)
Service kit	RCK12CL76-8

Also available in 16 Ω, data upon request

<sup>1</sup> 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.

<sup>2</sup> Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

Average SPL from 300 to 3000 Hz.

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