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PROFESSIONAL LOUDSPEAKERS
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SMC-225Nd

COMPRESSION DRIVER

SM Series

KEY FEATURES

- 1” (25,4 mm) high frequency compression driver
- 80 W program power above 1,5 kHz
- Sensitivity 108 dB (1W / 1m)
- Lightweight edgewound aluminium ribbon voice coil
- Neodymium magnet
- Polyester diaphragm





TECHNICAL SPECIFICATIONS

Nominal diameter	25,4 mm	1 in
Rated impedance		8 Ω
Minimum impedance		5,5 Ω
D.C. resistance		5,6 Ω
Power capacity [1]	40 W_{AES} above 1,5 kHz	
Program power [2]	80 W above 1,5 kHz	
Sensitivity [3]	108 dB 1W / 1m @ Z_N coupled to TD-164	

Frequency range		0,8 - 20 kHz
Recommended crossover		1,5 kHz or higher (12 dB/oct min.)
Voice coil diameter	44,4 mm	1,75 in
Magnetic assembly weight	0,6 kg	1,3 lb
Flux density		1,8 T
Bl factor		8 N/A

Notes:

[1] The power capaticty is determined according to AES2-1984 (r2003) standard.

[2] Program power is defined as the transducer’s ability to handle normal music program material.

[3] Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 1 - 7 kHz

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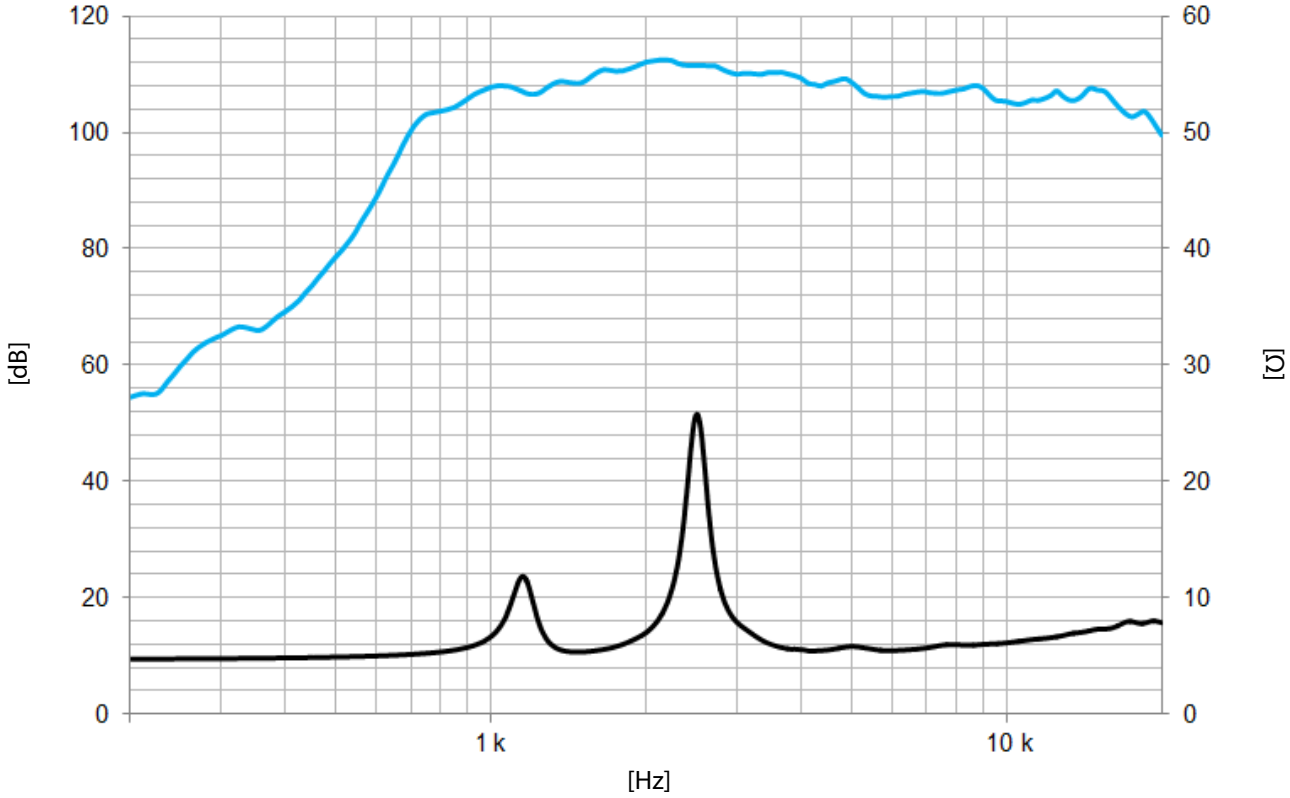
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Note: On axis frequency response measured coupled to TD-164 horn in anechoic chamber, 1W / 1m

MOUNTING INFORMATION

Overall diameter	80 mm	3,1 in
Depth	57 mm	2,2 in
Mounting	Three M5 threaded holes, 120º apart on 57 mm (2,24 in) diameter circle	
Net weight	0,7 kg	1,5 lb
Shipping weight	0,8 kg	1,8 lb

DIMENSION DRAWING

