

SMC-1050/NS

COMPRESSION DRIVER

KEY FEATURES

- 1" (25 mm) compression driver
- Power handling: 40 WAES above 1,2 kHz
- High sensitivity: 108 dB (1W / 1m)
- Extended frequency range: 0,8 18 kHz
- Low harmonic distortion
- 1,75" aluminum voice coil with polymide former
- Power handling: 60 WAES above 2 kHz
- Lightweight polyester diaphragm
- Ferrite magnet

Throat diameter

BI factor



TECHNICAL SPECIFICATIONS

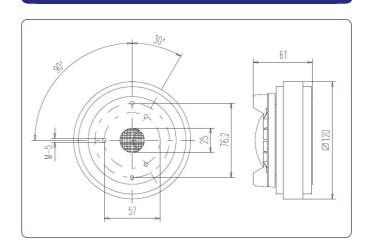
25,4 mm

1 in

9,3 N/A

Rated impedance		8 Ω
Minimum impedance	5,3 Ω @	0 4,3 kHz
D.C. resistance		5,6 Ω
Power capacity*	40 W _{AES} above	e 1,2 kHz
	60 W _{AES} abo	ve 2 kHz
Program power	80 W above	e 1,2 kHz
	120 W abo	ve 2 kHz
Sensitivity**	108 dB 1W /	1m @ Z _N
	coupled t	o TD-250
Frequency range	0,8	- 18 kHz
Recommended crossover	1,2 kHz or higher (12 dB/oct min.)	
Voice coil diameter	44,4 mm	1,75 in
Flux density		1,8 T

DIMENSION DRAWINGS



MOUNTING INFORMATION

Overall diameter 120 mm 4,72 in **Depth** 2,40 in 61 mm Mounting Three M5 threaded holes, 120° apart on 57 mm (2,24") diameter circle Two M5 threaded holes, 180° apart on 76,2 mm (3") diameter circle Net weight 2,2 kg 4,84 lb Shipping weight 5,17 lb 2,35 kg

Notes

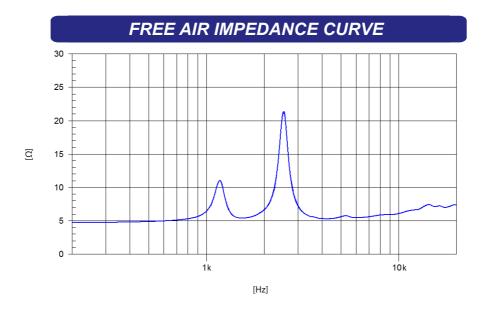
^{*} The power capaticty is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

 $^{^{\}star\star}$ Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 1 - 7 kHz.



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FREQUENCY RESPONSE 120 110 100 90 80 dB] 70 60 50 40 30 20 10k [Hz]

Note: On axis frequency response measured coupled to TD-250 horn in anechoic chamber, 1W @ 1m

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