

## SMC-280/N COMPRESSION DRIVER

#### **KEY FEATURES**

- 1 in. (25 mm) compression driver
- Power handling: 50 W<sub>AFS</sub> above 1,5 kHz
- High sensitivity: 105 dB (1W / 1m)
- Extended frequency range: 0,8 18 kHz
- Low harmonic distortion
- 1,75" edgewound aluminum voice coil
- Lightweight polyester diaphragm
- Ferrite magnet

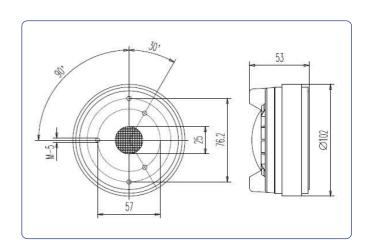
**BI** factor



#### **TECHNICAL SPECIFICATIONS**

Throat diameter	25 mm	1 in
Rated impedance		8 Ω
Minimum impedance	5,2 Ω @ 4 kHz	
D.C. resistance		5,6 Ω
Power capacity*	50 W <sub>AES</sub> above	e 1,5 kHz
Program power	100 W above	e 1,5 kHz
Sensitivity**	105 dB 1W/	'1m @ Z <sub>N</sub>
	coupled t	o TD-245
Frequency range	0,8 - 18 kHz	
Recommended crossover	1,5 kHz or higher	
	(12 dB/oct min.)	
Voice coil diameter	44,4 mm	1,75 in
Flux density		1,65 T

#### **DIMENSION DRAWINGS**



### **MOUNTING INFORMATION**

Overall diameter	102 mm	4,02 in
Depth	53 mm	2,08 in
Mounting	Three M5 threaded holes,	120° apart
	on 57 mm. (2,24 in) diar	neter circle
	Two M5 threaded holes,	180° apart
	on 76,2 mm. (3 in) diar	neter circle
Net weight	1,3 kg	2,86 lb
Shipping weight	1,4 kg	3,10 lb

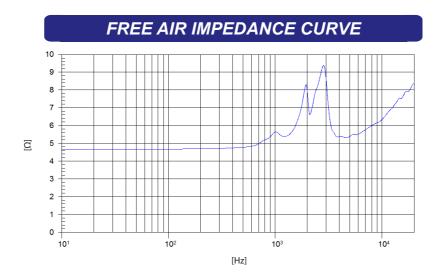
#### Notes:

8,5 N/A

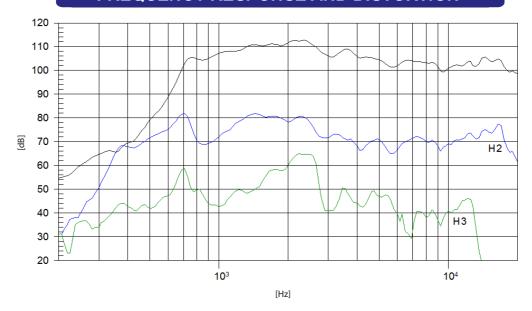
- \* The power capaticty is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.
- $^{\star\star}$  Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 1 7 kHz.



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### FREQUENCY RESPONSE AND DISTORTION



Note: On axis frequency response measured coupled to TD-245 horn in anechoic chamber, 1W @ 1m

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