NERO-5CCN125D

5″ - Midrange - 250W - 99 dB

SB AUDIENCE

- Pure carbon fiber cone
- Cast aluminum chassis
- Inverted low mass surround
- High grade neodymium magnet
- Removable cast aluminum rear chamber
- Minimum damping fiber glass voice coil former
- Suitable for high compression midrange applications
- Copper sleeve for low inductance and intermodulation distortion

Dimensions & Weight

Overall Diameter	159.1 mm (6.26 in)
Bolt Circle Diameter	142 mm (5.59 in)
Baffle Cutout Diameter	127.1 mm (5.00 in)
Mounting Depth	56.5 mm (2.22 in)
Flange and Gasket Thickness	6.9 mm (0.27 in)
Net Weight	1.3 Kg (2.86 lb)
Shipping Box	152 x 152 x 106 mm (5.98 x 5.98 x 4.17 in)
Gross Weight	1.4 Kg (3.08 lb)

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	6.5 Ohm
AES Power Handling (1)	125 W
Maximum Power Handling (2)	250 W
Sensitivity (2.83V/1m) (3)	
With / No Chamber	99/97 dB
Frequency Range	355 - 20000 Hz
Voice Coil Diameter	38.5 mm (1.5 in)
Winding Material	Copper clad aluminium
Former Material	Till
Winding Depth	8.4 mm
Magnetic Gap Depth	6 mm (0.24 in)
Flux Density	1.64 T
Magnet	Neodymium
Basket Material	Aluminium die cast
Demodulation	Copper cap
Cone Surround	Inverted single half roll
NET Air Volume filled by driver	0.59 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

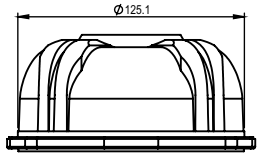
Thiele Small Parameters

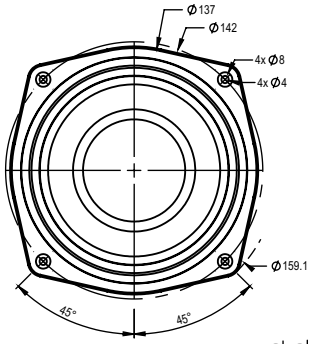
	With Chamber	No Chamber
Fs	360 Hz	122 Hz
Re	5.4 Ohm	5.4 Ohm
Qes	0.76	0.28
Qms	16.6	9.61
Qts	0.73	0.28
Vas	0.3 liters	2.70 liters
Sd	93.3 cm²	93.3 cm²
Xmax (4)	3.2 mm	3.2 mm
Xdamage (5)	7 mm	7 mm
Mms	7.9 g	7.9 g
Bl	10.6 Tm	10.6 Tm
Le	0.03 mH	0.07 mH
Cms	0.03 mm/N	0.22 mm/N
Rms	1.0 Kg/s	1.6 Kg/s
Eta Zero	2.0 %	1.6 %
EBP	-	436

NOTES :

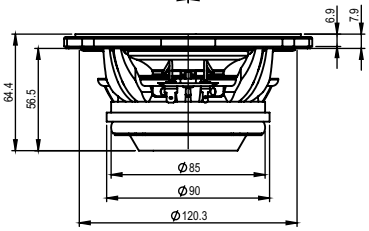
(1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the Fo to 10Fo power calculated on rated minimum impedance. Loudspeaker in free air
(2) Maximum power is defined as 3dB greater than nominal power
(3) Measured average within the frequency range (400Hz - 4kHz)
(4) Xmax= ((Winding depth - magnetic gap depth)/2) +(magnetic gap depth/3)
(5) Maximum excursion (p-p) before permanent damage
(6) T/S parameters measured on drive units that are broken in

With Chamber

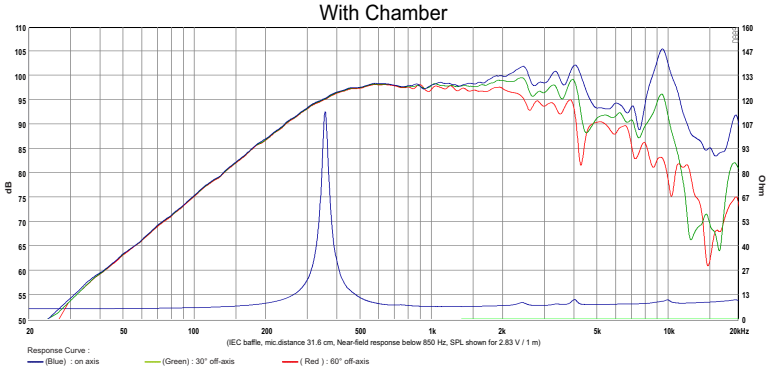




No Chamber



With Chamber



No Chamber