

FSN030.72

Lavoce

3" FULLRANGE

NEODYMIUM MAGNET
STEEL BASKET DRIVER



- 0.75 INCH CCAW VOICE COIL
- 91 dB/SPL SENSITIVITY
- 60 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- RESONANCE FREE AND HEAVY DUTY STEEL BASKET DESIGN
- RUBBER SURROUND MATERIAL
- EXTENDED FREQUENCY RESPONSE

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	70 (3)
Nominal impedance	Ω	8
Minimum impedance	Ω	6,8
Program power (1)	W	60
AES Power rating (2)	W	30
Sensitivity (3)	dB	91
Frequency range	Hz	120 ÷ 20000
Voice coil diameter	mm (in.)	20 (0.75)
Chassis material	Steel	
Magnet material	Neodymium	
Magnet dimensions OD x ID x h	mm (in.)	50 x 25 x 5 (1.97 x 0.98 x 0.2)
Coil material	CCA W	
Former material	Glass Fiber	
Cone material	Water Proof Treated Paper	
Surround material	Rubber	
Xmax (4)	mm (in.)	2,1 (0.08)
Xmech (5)	mm (in.)	3,1 (0.12)
Gap height	mm (in.)	4 (0.16)
Voice coil winding height	mm (in.)	6,3 (0.25)
Driver displacement volume	l (ft³)	0,05 (0.002)

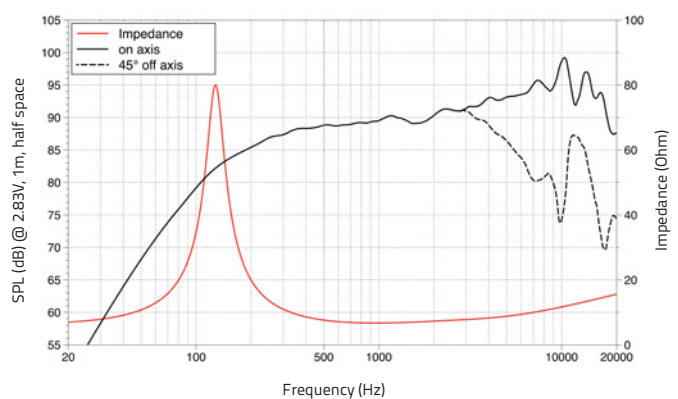
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	6,3
Resonance frequency	Fs	Hz	125
Moving mass	Mms	g (oz)	2,2 (0.08)
Compliance	Cms	mm/N	0,72
Force factor	BxL	N/A	5,6
Mechanical Q-factor	Qms		3,8
Electrical Q-factor	Qes		0,35
Total Q-factor	Qts		0,32
Equivalent air volume	Vas	l (ft³)	1,1 (0.04)
Voice coil inductance	Le	mH	0,14
Diaphragm area	Sd	cm² (in.²)	33,2 (5.15)
Reference efficiency	Eta 0	%	0,60

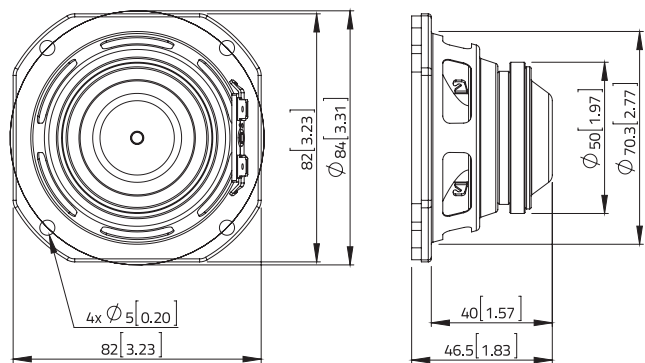
SHIPPING INFORMATION

Net weight	kg (lb.)	0,19 (0.43)
Multipack size (45)	mm (in.)	490 x 325 x 207 (19.3 x 12.8 x 8.1)
Multipack weight	kg (lb.)	12,6 (27.8)

FREQUENCY RESPONSE



DIMENSIONS mm (in.)



(1) Program power is defined as 3 dB greater than AES Power. (2) Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. (3) From T/S parameters, measured with Klippel DA LPM module. (4) The Xmax is calculated as: $(H_{vc} - H_g)/2 + H_g/4$. Hvc is the voice coil height and Hg the gap height. (5) The Xmech is calculated as: $(H_{vc} - H_g)/2 + (H_g - 2)$. Hvc is the voice coil height and Hg the gap height. (6) Thiele-Small parameters are measured after preconditioning: a) at 20°C - 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

All specifications subject to change without notice_B.a

