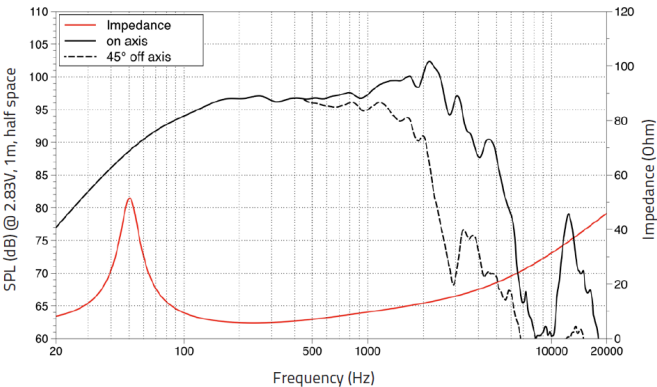


12" WOOFER

FERRITE MAGNET

STEEL BASKET DRIVER

- 2 INCH COPPER VOICE COIL
- 98 dB/SPL SENSITIVITY
- 400 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- RESONANCE FREE AND HEAVY DUTY BASKET DESIGN



GENERAL SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Nominal Impedance	8 ohm
Minimum Impedance	6 ohm
Program Power	400 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	200 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	98 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	50 ÷ 3000 Hz
Voice Coil Diameter	51 mm (2 in)
Chassis Material	STEEL
Magnet Material	FERRITE
Magnet Dimensions OD x ID x h	140 x 60 x 17 mm (5.51 x 2.36 x 0.67 in)
Coil Material	COPPER
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER
Surround Material	POLYCOTTON
Xmax	4.3 mm (0.17 in) The Xmax is calculated as: (Hvc - Hg)/2 + Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	8.3 mm (0.33 in) The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	8 mm (0.31 in)
Voice Coil Winding Height	12.6 mm (0.5 in)
Driver Displacement Volume	1.9 l (0.067 ft³)
Recommended Enclosure	59.8 l (2.112 ft³)
Recommended Tuning	55 Hz

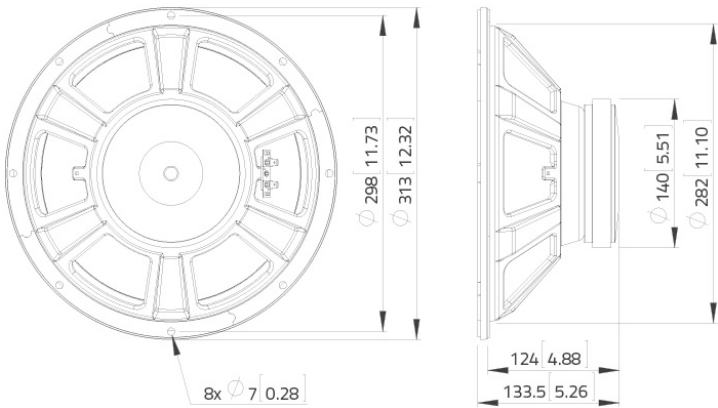
SMALL SIGNAL PARAMETERS

Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	5.2 ohm
Diaphragm Area (Sd)	531 cm² (82.305 in²)

Resonance Frequency (Fs)	51 Hz
Moving Mass (Mms)	44.8 g (1.58 oz)
Compliance (Cms)	0.222 mm/N
Force Factor (BxL)	12.81 N/A
Mechanical Q-Factor (Qms)	4.02
Electrical Q-Factor (Qes)	0.45
Total Q-Factor (Qts)	0.41
Equivalent Air Volume (Vas)	88.39 l (3.121 ft³)
Voice Coil Inductance (Le)	0.53 mH
Reference Efficiency (Eta 0)	2.42 %
Efficiency Bandwidth Product (EBP)	113 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	3.5 kg (7.716 lb)
Multipack Quantity	1
Multipack size W x D x H	365 mm x 365 mm x 175 mm (14.4 in x 14.4 in x 6.9 in)
Multipack Weight	4.9 kg (10.8 lb)

