

15" WOOFER

NEODYMIUM MAGNET

ALUMINIUM BASKET DRIVER

- 3 INCH CCAW VOICE COIL

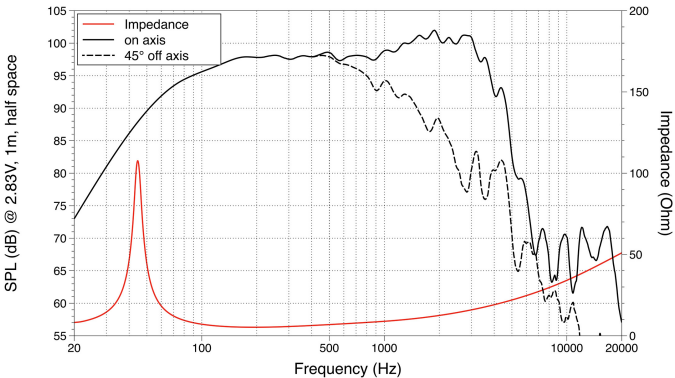
- 98,5 dB/SPL SENSITIVITY

- 1000 WATT PROGRAM POWER HANDLING

- FEM OPTIMIZED MOTOR AND SUSPENSIONS

- OPTIMIZED COOLING SYSTEM

- ALTERNATIVE IMPEDANCE: 4 OHM



GENERAL SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 ohm
Minimum Impedance	5.3 ohm
Program Power	1000 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	500 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	98.5 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	45 ÷ 3000 Hz
Voice Coil Diameter	75 mm (3 in)
Chassis Material	ALUMINIUM
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	75,4 x 10 mm (2.97 x 0.39 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	7 mm (0.28 in) The Xmax is calculated as: (Hvc - Hg)/2+ Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	12.7 mm (0.5 in) The Xmech is calculated as: (Hvc - Hg)/2 +(Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	10.5 mm (0.41 in)
Voice Coil Winding Height	19 mm (0.75 in)
Driver Displacement Volume	4.9 l (0.173 ft³)
Recommended Enclosure	93 l (3.284 ft³)
Recommended Tuning	50 Hz

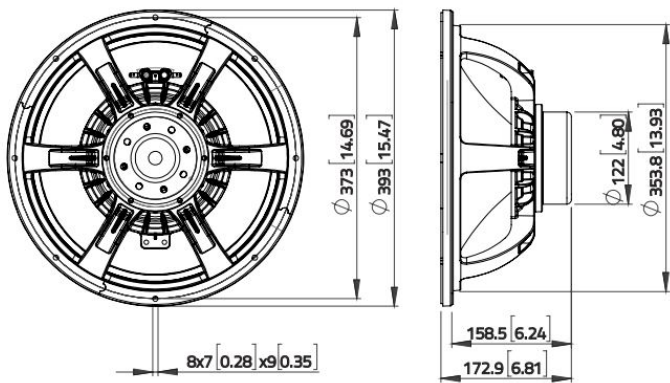
SMALL SIGNAL PARAMETERS

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)	4.7 ohm
--------------------	---------

Diaphragm Area (Sd)	855 cm² (132.525 in²)
Resonance Frequency (Fs)	43 Hz
Moving Mass (Mms)	101.4 g (3.577 oz)
Compliance (Cms)	0.135 mm/N
Force Factor (BxL)	17.33 N/A
Mechanical Q-Factor (Qms)	9.49
Electrical Q-Factor (Qes)	0.43
Total Q-Factor (Qts)	0.41
Equivalent Air Volume (Vas)	139.2 l (4.916 ft³)
Voice Coil Inductance (Le)	0.76 mH
Reference Efficiency (Eta 0)	2.49 %
Efficiency Bandwidth Product (EBP)	100 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	5.8 kg (12.787 lb)
Multipack Quantity	1
Multipack size W x D x H	425 mm x 425 mm x 220 mm (16.7 in x 16.7 in x 8.7 in)
Multipack Weight	7.3 kg (16.09 lb)

REPAIR KITS

LF Repair Kit	VRK10151
---------------	----------

