

### KEY FEATURES

- High power handling: 700 W program power
- 3" copper wire voice coil
- High sensitivity: 97 dB (1W / 1m)
- Extremely linear response and low distortion
- Treated double roll cloth surround
- Optimized pressed steel frame
- Ferrite magnet
- Designed for bass and midbass applications in small vented cabinets



### TECHNICAL SPECIFICATIONS

Nominal diameter	380 mm	15 in
Rated impedance		8 $\Omega$
Minimum impedance		7,5 $\Omega$
Power capacity*		350 W <sub>AES</sub>
Program power		700 W
Sensitivity	97 dB	1W / 1m @ Z <sub>N</sub>
Frequency range		50 - 4.000 Hz
Recom. enclosure		V <sub>b</sub> = 75 l
(Bass-reflex design)		F <sub>b</sub> = 50 Hz
Voice coil diameter	76,2 mm	3 in
BI factor		18,8 N/A
Moving mass		0,106 kg
Voice coil length		17,5 mm
Air gap height		7 mm
X <sub>damage</sub> (peak to peak)		35 mm

#### Notes:

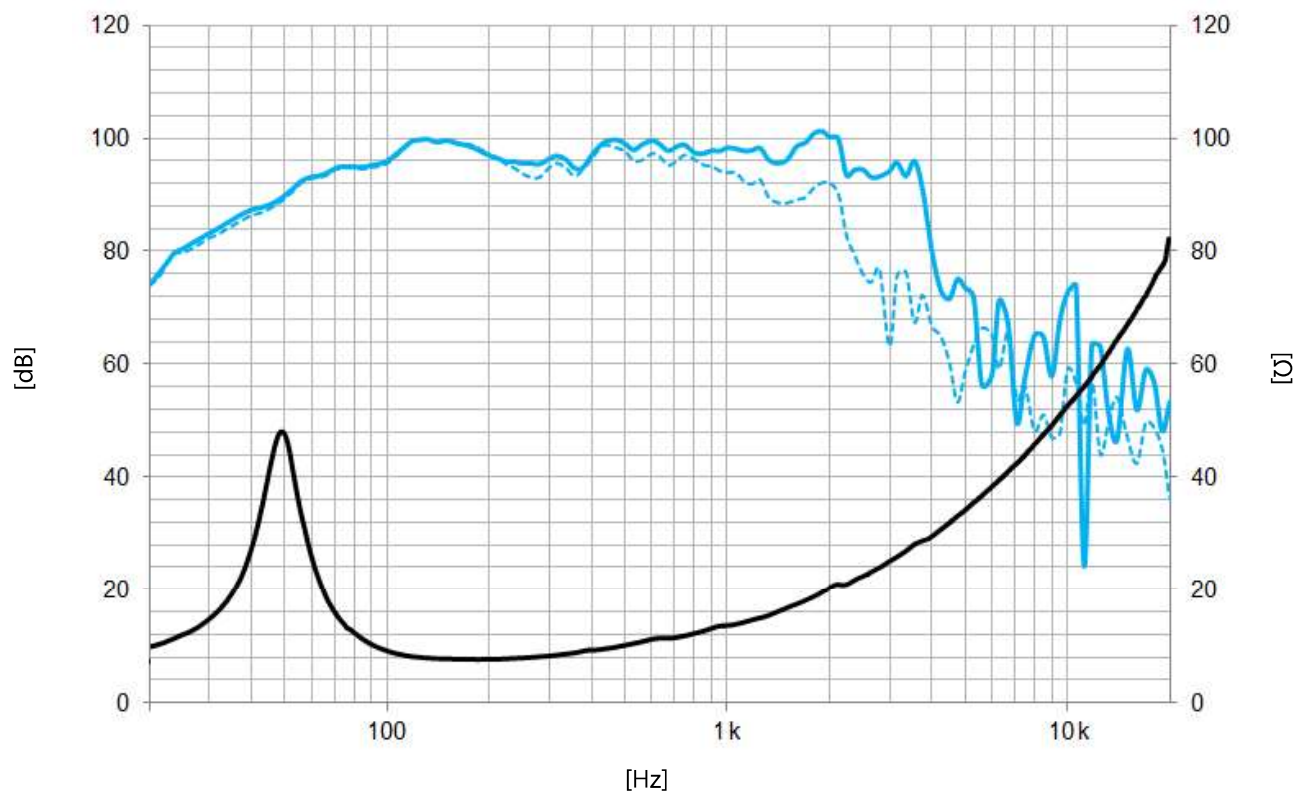
\* The power capacity is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

\*\* T-S parameters are measured after an exercise period using a preconditioning power test. The measurements are carried out with a velocity-current laser transducer and will reflect the long term parameters (once the loudspeaker has been working for a short period of time).

\*\*\* The X<sub>max</sub> is calculated as (L<sub>vc</sub> - H<sub>ag</sub>)/2 + (H<sub>ag</sub>/3,5), where L<sub>vc</sub> is the voice coil length and H<sub>ag</sub> is the air gap height.

### THIELE-SMALL PARAMETERS\*\*

Resonant frequency, f <sub>s</sub>	49 Hz
D.C. Voice coil resistance, R <sub>e</sub>	6 $\Omega$
Mechanical Quality Factor, Q <sub>ms</sub>	4,1
Electrical Quality Factor, Q <sub>es</sub>	0,55
Total Quality Factor, Q <sub>ts</sub>	0,49
Equivalent Air Volume to C <sub>ms</sub> , V <sub>as</sub>	104 l
Mechanical Compliance, C <sub>ms</sub>	95 $\mu$ m / N
Mechanical Resistance, R <sub>ms</sub>	8,1 kg / s
Efficiency, $\eta_0$	2,3 %
Effective Surface Area, S <sub>d</sub>	0,088 m <sup>2</sup>
Maximum Displacement, X <sub>max</sub> ***	7 mm
Displacement Volume, V <sub>d</sub>	616 cm <sup>3</sup>
Voice Coil Inductance, L <sub>e</sub> @ 1 kHz	1,2 mH



**Note:** Frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1W @ 1m

— Frequency response on axis  
- - - Frequency response 45° off axis

### MOUNTING INFORMATION

Overall diameter	385 mm	15,1 in
Bolt circle diameter	367 mm	14,4 in
Baffle cutout diameter:		
- Front mount	353 mm	13,9 in
Depth	165 mm	6,5 in
Net weight	6 kg	13,2 lb
Shipping weight	7 kg	15,4 lb

### DIMENSION DRAWING

