

### KEY FEATURES

- 3" full-range compact ferrite loudspeaker
- 60 W program power
- Extended response and low distortion
- Paper cone and treated cloth surround
- Steel basket
- Ideal for beam-steering application (columns), portable array and compact applications



### TECHNICAL SPECIFICATIONS

Nominal diameter	77 mm	3 in
Rated impedance		8 Ω
Minimum impedance		6,5 Ω
Power capacity <sup>1</sup>		30 W <sub>AES</sub>
Program power <sup>2</sup>		60 W
Sensitivity	91 dB	1W / 1m @ Z <sub>N</sub>
Frequency range		160 - 20.000 Hz
Voice coil diameter	20,3 mm	0,8 in
BI factor		4,9 N/A
Moving mass		0,0022 kg
Voice coil length		10,5 mm
Air gap height		3 mm

### THIELE-SMALL PARAMETERS<sup>3</sup>

Resonant frequency, f <sub>s</sub>	160 Hz
D.C. Voice coil resistance, R <sub>e</sub>	5,6 Ω
Mechanical Quality Factor, Q <sub>ms</sub>	8
Electrical Quality Factor, Q <sub>es</sub>	0,52
Total Quality Factor, Q <sub>ts</sub>	0,49
Equivalent Air Volume to C <sub>ms</sub> , V <sub>as</sub>	0,67 l
Mechanical Compliance, C <sub>ms</sub>	430 μm / N
Mechanical Resistance, R <sub>ms</sub>	0,28 kg / s
Efficiency, η <sub>0</sub>	0,5 %
Effective Surface Area, S <sub>d</sub>	0,003 m <sup>2</sup>
Maximum Displacement, X <sub>max</sub> <sup>4</sup>	4,5 mm
Displacement Volume, V <sub>d</sub>	13,5 cm <sup>3</sup>
Voice Coil Inductance, L <sub>e</sub> @ 1 kHz	0,25 mH

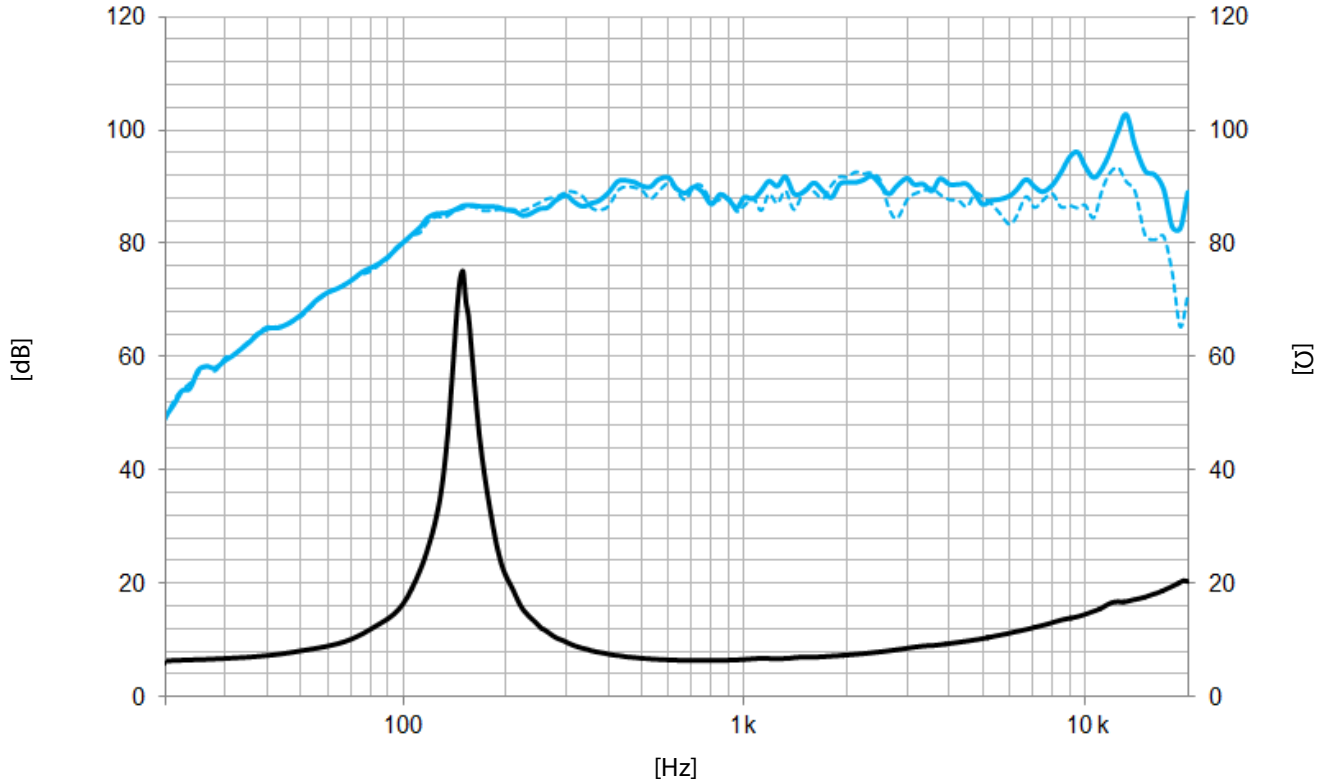
**Notes:**

<sup>1</sup> The power capacity is determined according to AES2-1984 (r2003) standard.

<sup>2</sup> Program power is defined as power capacity + 3 dB.

<sup>3</sup> 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).

<sup>4</sup> 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.



**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	93,5 mm	3,7 in
Bolt circle diameter	85 mm	3,4 in
Baffle cutout diameter:		
- Front mount	75,9 mm	3,0 in
Depth	46 mm	1,8 in
Net weight	0,57 kg	1,2 lb
Shipping weight	0,70 kg	1,5 lb

### DIMENSION DRAWING

