

#### KEY FEATURES

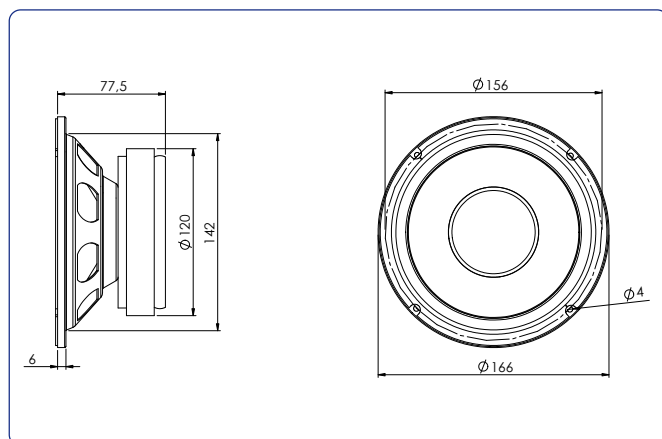
- 160W program power.
- 90,7 dB, 2,83V @ 1m sensitivity.
- Foam flat surround.
- Smooth and flat response for accurate mid-frequency reproduction.
- Suited for midrange applications.
- Steel basket.
- Ferrite magnet.



#### TECHNICAL SPECIFICATIONS

Nominal diameter	165 mm	6,5 in
Rated impedance		8 Ω
Minimum impedance		7,5 Ω
Power capacity*		80 W <sub>RMS</sub>
Program power		160 W
Sensitivity	90,7 dB	2.83v @ 1m @ 2π
Frequency range		150 - 6.000 Hz
Recom. enclosure vol.	10 / 40 l	0,35 / 1,41 ft <sup>3</sup>
Voice coil diameter	38,5 mm	1,5 in
Magnetic assembly weight	2 kg	4,40 lb
BL factor		8,1 N/A
Moving mass		0.014 kg
Voice coil length		7,5 mm
Air gap height		6 mm
X <sub>damage</sub> (peak to peak)		20,7 mm

#### DIMENSION DRAWINGS



#### MOUNTING INFORMATION

Overall diameter	166 mm	6,54 in
Bolt circle diameter	156 mm	6,14 in
Baffle cutout diameter:		
- Front mount	142 mm	5,59 in
- Rear mount	152 mm	5,98 in
Depth	77,5 mm	3,05 in
Volume displaced by driver	0,75 l	0,03 ft <sup>3</sup>
Net weight	2,16 kg	4,76 lb
Shipping weight	2,36 kg	5,2 lb

#### 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.

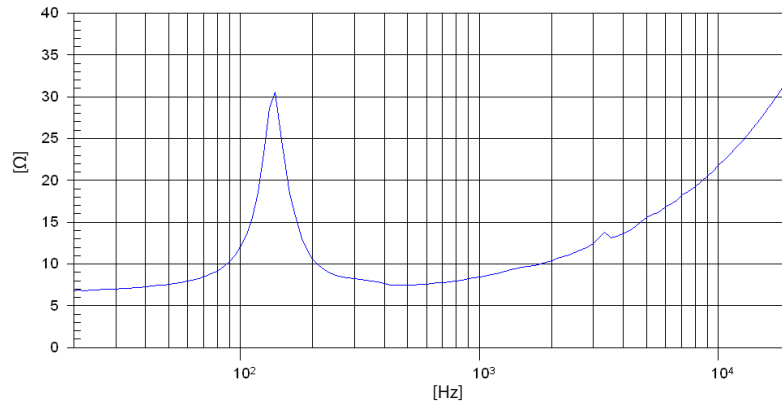
\*\* T-S parameters are measured after an exercise period using a preconditioning power test. The measurements are carried out with a velocity-current laser transducer and will reflect the long term parameters (once the loudspeaker has been working for a short period of time).

\*\*\* 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.

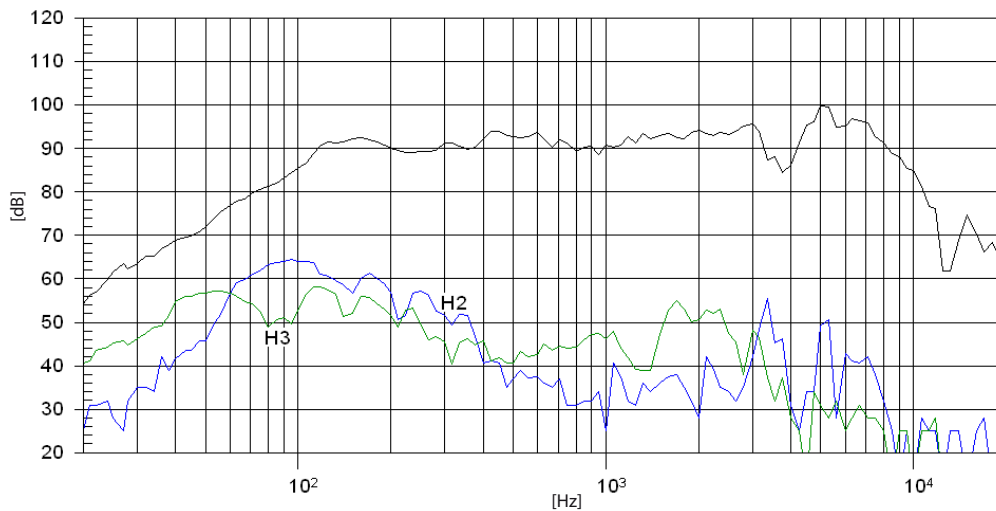
#### THIELE-SMALL PARAMETERS\*\*

Resonant frequency, f <sub>s</sub>	138 Hz
D.C. Voice coil resistance, R <sub>e</sub>	6,0 Ω
Mechanical Quality Factor, Q <sub>ms</sub>	4,74
Electrical Quality Factor, Q <sub>es</sub>	1,16
Total Quality Factor, Q <sub>ts</sub>	0,93
Equivalent Air Volume to C <sub>ms</sub> , V <sub>as</sub>	2,47 l
Mechanical Compliance, C <sub>ms</sub>	90,2 μm / N
Mechanical Resistance, R <sub>ms</sub>	2,69 kg / s
Efficiency, η <sub>0</sub>	0,54 %
Effective Surface Area, S <sub>d</sub>	0.014 m <sup>2</sup>
Maximum Displacement, X <sub>max</sub> ***	2,5 mm
Displacement Volume, V <sub>d</sub>	14 cm <sup>3</sup>
Voice Coil Inductance, L <sub>e</sub> @ 1 kHz	0,6 mH

### FREE AIR IMPEDANCE CURVE



### FREQUENCY RESPONSE AND DISTORTION



Note: On axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1W @ 1m