

### KEY FEATURES

- Excellent power handling (250 W RMS)
- High mechanical resistance fiber glass cone
- Designed for subwoofer and woofer applications

### TECHNICAL SPECIFICATIONS

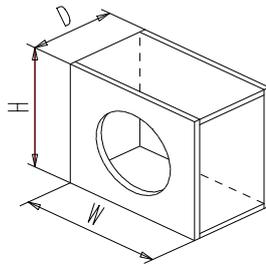
Nominal diameter	300 mm. 12 in.
Nominal impedance	4 ohms
Power handling / Program power	250 W RMS / 500 W
Sensitivity	92 dB 1w @ 1m
Frequency range	25 - 1500 Hz
Voice coil diameter	51.7 mm. 2 in.
Bl factor	11 N/A
Moving mass	0.090 Kg.

### THIELE-SMALL PARAMETERS

Resonance frequency, fs	31 Hz
D.C. resistance, Re	3.5 ohms.
Mechanical quality factor, Qms	5.24
Electrical quality factor, Qes	0.51
Total quality factor, Qts	0.46
Equivalent air volume to Cms, Vas	105 l
Efficiency, η (%)	0.6
Effective surface area, Sd	504 cm <sup>2</sup>
Maximum displacement, Xmax	4 mm.
Displacement volume, Vd	202 cm <sup>3</sup>
Voice coil inductance, Le @ 1 kHz	1.1 mH

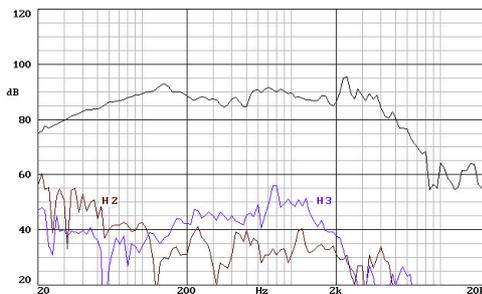
### CLOSED BOX

Vol = 35 liters 1.24 ft<sup>3</sup>  
 H = 360 mm. 14.17 in.  
 W = 450 mm. 17.72 in.  
 D = 300 mm. 11.81 in.  
 Wall thickness = 19 mm. 0.75 in.



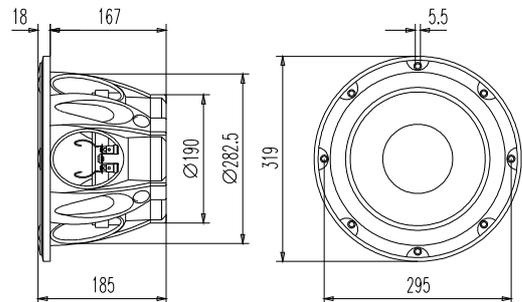
Note: the dimensions are external

### FREQUENCY RESPONSE



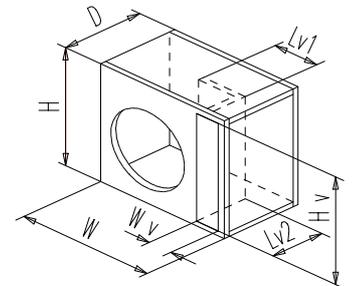
Note: on axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1w @ 1m.

### DIMENSION DRAWINGS



### VENTED BOX

Vol = 53 liters 1.87 ft<sup>3</sup>  
 H = 380 mm. 14.96 in.  
 W = 600 mm. 23.62 in.  
 D = 315 mm. 12.40 in.  
 Wall thick. = 19 mm. 0.75 in.  
 Hv x Wv = 342 mm. x 40 mm.  
 13.47 in. x 1.58 in.  
 Lv1 = 382 mm. 15.04 in.  
 Lv2 = 218 mm. 8.58 in.



Note: the dimensions are external

### FREE AIR IMPEDANCE

