

KEY FEATURES

- Excellent power handling (2 x 600 W RMS)
- High mechanical resistance carbon fiber cone
- Designed for high SPL subwoofer applications

TECHNICAL SPECIFICATIONS

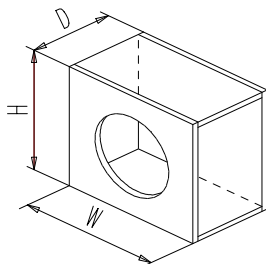
Nominal diameter	300 mm. 12 in.
Nominal impedance	2 x 2 ohms
Power handling / Max. power	2 x 600 W RMS / 2 x 1800 W
Sensitivity	93 dB 1w @ 1m
Frequency range	25 - 2000 Hz
Voice coil diameter	77 mm. 3 in.
Bl factor	16.8 N/A
Moving mass	0.153 Kg.

THIELE-SMALL PARAMETERS

Resonance frequency, f_s	37 Hz
D.C. resistance, R_e	3.1 ohms.
Mechanical quality factor, Q_{ms}	7.80
Electrical quality factor, Q_{es}	0.40
Total quality factor, Q_{ts}	0.38
Equivalent air volume to C_{ms} , V_{as}	32 l
Efficiency, η_0 (%)	0.4
Effective surface area, S_d	435 cm ²
Maximum displacement, X_{max}	12 mm.
Displacement volume, V_d	522 cm ³
Voice coil inductance, L_e @ 1 kHz	2.3 mH

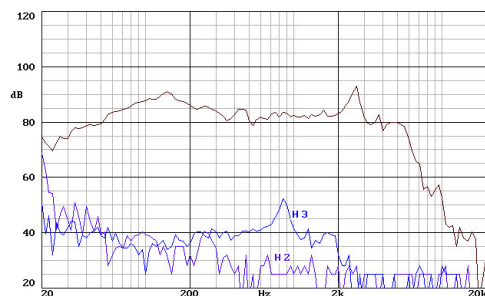
CLOSED BOX

Vol = 41 liters 1.45 ft³
 H = 420 mm. 16.54 in.
 W = 500 mm. 19.69 in.
 D = 270 mm. 10.63 in.
 Wall thickness = 19 mm. 0.75 in.



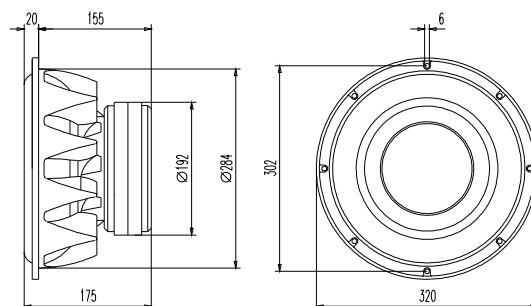
Note: the dimensions are external

FREQUENCY RESPONSE



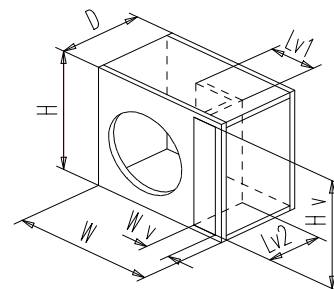
Note: on axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1w @ 1m.

DIMENSION DRAWINGS



VENTED BOX

Vol = 56 liters 1.98 ft³
 H = 490 mm. 19.29 in.
 W = 490 mm. 19.29 in.
 D = 310 mm. 12.20 in.
 Wall thick. = 19 mm. 0.75 in.
 Hv x Wv = 452 mm. x 40 mm.
 17.80 in. x 1.58 in.
 Lv1 = 145 mm. 5.71 in.
 Lv2 = 251 mm. 9.88 in.



Note: the dimensions are external

FREE AIR IMPEDANCE

