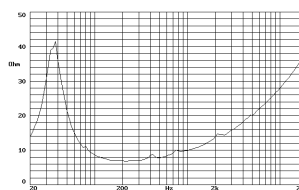
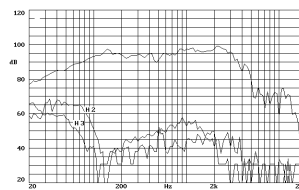




HP 12



-Z: free air impedance curve.



-H: frequency response and distortion curves.

SPECIFICATIONS

Nominal diameter	300 mm. 12 in.
Rated impedance	8 ohms
Power capacity *	150 w RMS
Program Power	300 w
Sensitivity	95 dB 2.83v @ 1m @ 2 π
Frequency range	40 - 5000 Hz
Recommended enclosure volume	40 / 100 l 1.49 / 3,73 ft ³
Voice coil diameter	38.5 mm. 1.5 in.
BL factor	11,5 N / A
Moving mass	0.041 kg.

MOUNTING INFORMATION

Overall diameter	305 mm. 12 in.
Bolt circle diameter	295 mm. 11,61 in
Baffle cutout diameter : Front mount	283 mm. 11,14 in.
Baffle cutout diameter : Rear mount	283 mm. 11,14 in.
Depth	127 mm. 5 in.
Volume displaced by driver	4,5 l 0.17 ft ³
Net weight	3,4 kg 7.5 lb
Shipping weight	4,1 kg. 9 lb.

MATERIAL

Basket	Steel
Cone	Paper
Surround	Plasticised cloth
Voice coil	Copper wire
Magnet	Ferrite

THIELE-SMALL PARAMETERS **

Resonant Frequency, fs	36 Hz
D.C. Voice Coil Resistance, Re	6.8 ohms.
Mechanical Quality Factor, Qms	2,43
Electrical Quality Factor, Qes	0,48
Total Quality Factor, Qts	0,40
Equivalent Air volume to Cms, Vas	200 l
Mechanical Compliance, Cms	282 μm / N
Mechanical Resistance, Rms	3,83 kg / s
Efficiency, ηo (%)	1,90
Effective Surface Area, Sd (m ²)	0.0550 m ²
Maximum Displacement, Xmax	4 mm
Displacement Volume, Vd	220 cm ³
Voice Coil Inductance, Le @ 1kHz	1.2 mH