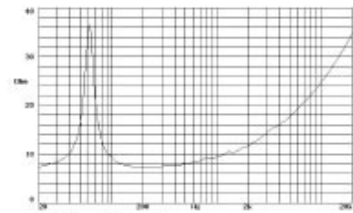
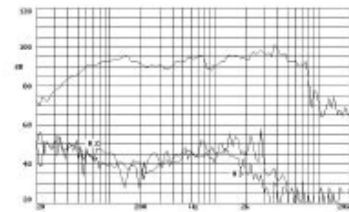




HP 10



-Z: free air impedance curve.



-H: frequency response and distortion curves.

SPECIFICATIONS

Nominal diameter	250 mm. 10 in.
Rated impedance	8 ohms
Power capacity *	100 w RMS
Program Power	200 w
Sensitivity	92 dB 2.83v @ 1m @ 2 π
Frequency range	40 - 8000 Hz
Recommended enclosure volume	40 / 100 l 1.49 / 3.73 ft ³
Voice coil diameter	30 mm. 1.2 in.
BL factor	7,1 N / A
Moving mass	0.024 kg.

MOUNTING INFORMATION

Overall diameter	255 mm. 10,04 in.
Bolt circle diameter	245 mm. 9,65 in.
Baffle cutout diameter : Front mount	230 mm. 9,06 in.
Baffle cutout diameter : Rear mount	233 mm. 9,17 in.
Depth	109 mm. 4,29 in.
Volume displaced by driver	2,5 l 0,09 ft ³
Net weight	2,1 kg 4,6 lb
Shipping weight	2,5 kg. 5,5 lb.

MATERIAL

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

THIELE-SMALL PARAMETERS **

Resonant Frequency, f_s	61 Hz
D.C. Voice Coil Resistance, R_e	7 ohms.
Mechanical Quality Factor, Q_{ms}	5,65
Electrical Quality Factor, Q_{es}	1,3
Total Quality Factor, Q_{ts}	1,06
Equivalent Air volume to C_{ms} , V_{as}	51 l
Mechanical Compliance, C_{ms}	282 $\mu\text{m} / \text{N}$
Mechanical Resistance, R_{ms}	1,64 kg / s
Efficiency, η_0 (%)	0,9
Effective Surface Area, S_d (m ²)	0,036 m ²
Maximum Displacement, X_{max}	4 mm
Displacement Volume, V_d	144 cm ³
Voice Coil Inductance, L_e @ 1kHz	0,9 mH