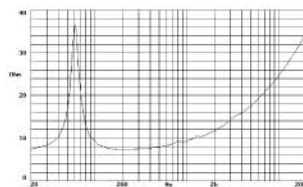
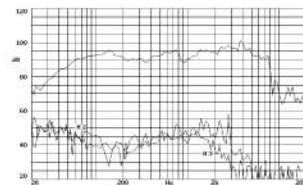




HP 10



-Z: free air impedance curve.



-f: 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, fs	81 Hz
D.C. Voice Coil Resistance, Re	7 ohms.
Mechanical Quality Factor, Qms	5,65
Electrical Quality Factor, Qes	1,3
Total Quality Factor, Qts	1,06
Equivalent Air volume to Cms, Vas	51 l
Mechanical Compliance, Cms	282 μm / N
Mechanical Resistance, Rms	1,64 kg / s
Efficiency, ηo (%)	0,9
Effective Surface Area, Sd (m ²)	0.036 m ²
Maximum Displacement, Xmax	4 mm
Displacement Volume, Vd	144 cm ³
Voice Coil Inductance, Le @ 1kHz	0,9 mH