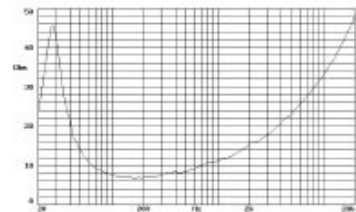
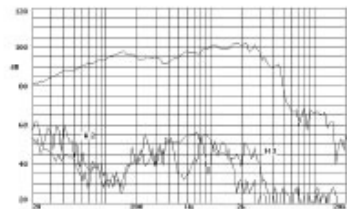




HP 15



-Z: free air impedance curve.



-H: frequency response and distortion curves.

SPECIFICATIONS

Nominal diameter	380 mm. 15 in.
Rated impedance	8 ohms
Power capacity *	200 w RMS
Program Power	400 w
Sensitivity	96 dB 2.83v @ 1m @ 2 π
Frequency range	35 - 4500 Hz
Recommended enclosure volume	50 / 150 l 1.75 / 6 ft ³
Voice coil diameter	62.5 mm. 2.5 in.
BL factor	13.3 N / A
Moving mass	0.069 kg.

MOUNTING INFORMATION

Overall diameter	383 mm. 15.08 in.
Bolt circle diameter	370 mm. 14.57 in.
Baffle cutout diameter : Front mount	355 mm. 13.98 in.
Baffle cutout diameter : Rear mount	355 mm. 13.98 in.
Depth	138 mm. 5.43 in.
Volume displaced by driver	6 l 0.22 ft ³
Net weight	4.3 kg 9.5 lb
Shipping weight	5.3 kg. 11.7 lb.

MATERIAL

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

THIELE-SMALL PARAMETERS **

Resonant Frequency, f_s	28 Hz
D.C. Voice Coil Resistance, R_e	6.8 ohms.
Mechanical Quality Factor, Q_{ms}	2.66
Electrical Quality Factor, Q_{es}	0.46
Total Quality Factor, Q_{ts}	0.39
Equivalent Air volume to C_{ms} , V_{as}	500 l
Mechanical Compliance, C_{ms}	282 $\mu\text{m} / \text{N}$
Mechanical Resistance, R_{ms}	4.51 kg / s
Efficiency, η_0 (%)	2.3
Effective Surface Area, S_d (m^2)	0.0855 m^2
Maximum Displacement, X_{max}	5 mm
Displacement Volume, V_d	428 cm^3
Voice Coil Inductance, L_e @ 1kHz	1.5 mH