

H5.1 - 5" BASS MIDRANGE

DPC Cone Hybrid Magnet Motor



Specifications

Overall Dimensions		145mm(5.70")x65mm(2.56")
Nominal Power Handling (DN)	P	150 W
Transient power 10ms		500 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		88 dB
Frequency Response		35 - 5500 Hz
Resonant Frequency	FS	46 Hz

Voice coil

Voice Coil Diameter	DIA	54mm (2 1/8")
Voice Coil Height		12mm (0.47")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech Aluminum
Number of Layers		2
DC Resistance	RE	5.60 Ohms
Voice Coil Inductance @ 1KHz	LBM	0.43 mH

Magnet System

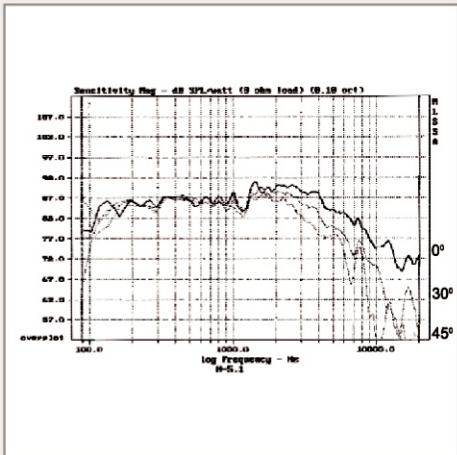
Magnet System Type		Hybrid, Rear Vented
HE - Magnetic Gap Height	HE	5mm (0.20")
B Flux Density	B	0.85 T
BL Product	BXL	5.93 N.A
Max. Linear Excursion	X	+/-3.5mm (0.137")

Operational Parameters

Suspension Compliance	CMS	1325 uM / N
Mechanical Q Factor	QMS	2.43
Electrical Q Factor	QES	0.41
Total Q Factor	Q/T	0.35
Mechanical Resistance	RMS	1.0 Kg.
Moving Mass	MMS	8.60 gm.
Eq. Cas Air Load (liters)	VAS	15.1 L
Cone / Dome Material		DPC
Effective Piston Area	SD	90 cm²
Net Weight	Kg.	0.60 Kg.

FEATURES:

- Hybrid magnet vented motor
- Large Hexatech aluminium voice coil
- High power handling
- Shallow profile DPC cone



H5.1

