

MW 143 – NEOLIN – 5" BASS MIDRANGE



Specifications

Overall Dimensions		142mm(5.59")x52mm(2.05")
Nominal Power Handling (DN)	P	150 W
Transient power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		89 dB
Frequency Response		35 - 5200 Hz
Resonant Frequency	FS	52 Hz

Voice coil

Voice Coil Diameter	DIA	75mm (3")
Voice Coil Height		12.0mm (0.47")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech Aluminum
Number of Layers		2
DC Resistance	RE	5.20 Ohms
Voice Coil Inductance @ 1KHz	LBM	0.60 mH

Magnet System

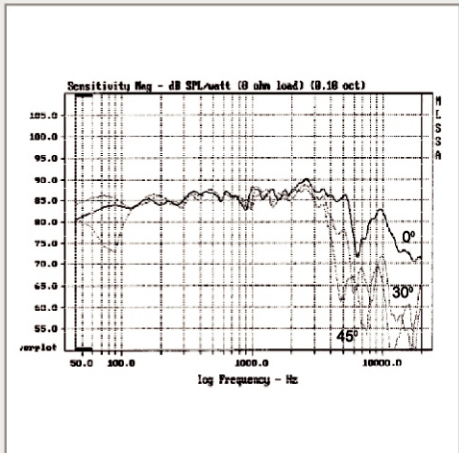
Magnet System Type		NeoLin Vented System
HE - Magnetic Gap Height	HE	5mm (0.20")
B Flux Density	B	0.86 T
BL Product	BXL	7.2 N.A
Max. Linear Excursion	X	+/-3.5mm (0.137")

Operational Parameters

Suspension Compliance	CMS	831 $\mu\text{m} / \text{N}$
Mechanical Q Factor	QMS	2.32
Electrical Q Factor	QES	0.43
Total Q Factor	Q/T	0.36
Mechanical Resistance	RMS	1.5 Kg.
Moving Mass	MMS	10.36 gm.
Eq. Cas Air Load (liters)	VAS	9.5 L
Cone / Dome Material		DPC
Effective Piston Area	SD	90 cm^2
Net Weight	Kg.	0.95 Kg.

FEATURES:

- Cooper insulated center pole
- Lineare impedance and excursion
- Low distortion, Fast transient
- Neodymium magnet vented motor
- Large Hexatech aluminum voice coil
- Shallow profile DCP cone



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