

MW 1077 –NEOLIN– 10" WOOFER

MW 1077

DCP Cone Neodymium Magnet Vented Motor



Specifications

Overall Dimensions		263mm(10.33")x80mm(3.14")
Nominal Power Handling (D N)	P	200 W
Transient power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		89 dB
Frequency Response		15-4600 Hz
Resonant Frequency	FS	28 Hz

Voice coil

Voice Coil Diameter	DIA	75mm (3")
Voice Coil Height		14.5mm (0.57")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech Aluminum
Number of Layers		2
DC Resistance	RE	6.80 Ohms
Voice Coil Inductance @ 1kHz	LBM	0.85 mH

Magnet System

Magnet System Type		Hybrid, Rear Vented
HE - Magnetic Gap Height	HE	6mm (0.24")
B Flux Density	B	0.90 T
BL Product	BXL	8.0 N.A
Max. Linear Excursion	X	+/-4.25mm (0.167")

Operational Parameters

Suspension Compliance	CMS	977 uM / N
Mechanical Q Factor	QMS	2.62
Electrical Q Factor	QES	0.62
Total Q Factor	Q/T	0.51
Mechanical Resistance	RMS	2.25 Kg. S-1
Moving Mass	MMS	33 gm
Eq. Cas Air Load (liters)	VAS	147.00 L
Cone / Dome Material		DPC
Effective Piston Area	SD	324 cm ²
Net Weight	Kg.	1.40 Kg.

FEATURES:

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

