

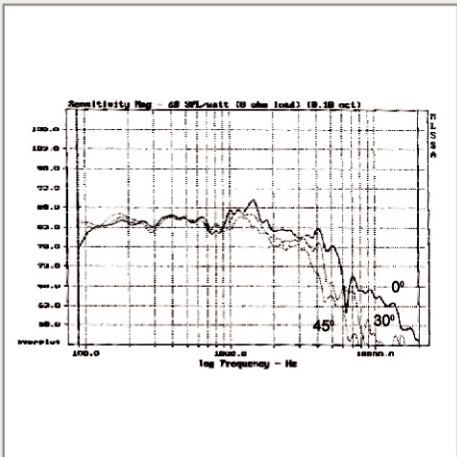
# MW 1075 - 10" WOOFER

## DCP Cone Double Magnet Vented Motor



### FEATURES:

- Large Hexatech aluminum voice coil
- Double magnet system
- High power handling
- Shallow profile DCP cone



### Specifications

Overall Dimensions		263mm(10.33")x80mm(3.14")
Nominal Power Handling (DN)	P	180 W
Transient power 10ms		1000 W
Nominal Impedance	Z	8 Ohms
Sensitivity 1W/1M		89 dB
Frequency Response		20-1600 Hz
Resonant Frequency	FS	29 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	6.30 Ohms
Voice Coil Inductance @ 1KHz	LBM	0.63 mH

### Magnet System

Magnet System Type		Double Ferrite Vented
HE - Magnetic Gap Height	HE	6mm (0.24")
B Flux Density	B	0.65 T
BL Product	BXL	6.3 N.A
Max. Linear Excursion	X	+/-4.25mm (0.167")

### Operational Parameters

Suspension Compliance	CMS	835 uM / N
Mechanical Q Factor	QMS	2.48
Electrical Q Factor	QES	0.83
Total Q Factor	Q/T	0.62
Mechanical Resistance	RMS	2.393 Kg. S-1
Moving Mass	MMS	32.6 gm
Eq. Cas Air Load (liters)	VAS	123.00 L
Cone / Dome Material		DPC
Effective Piston Area	SD	324 cm <sup>2</sup>
Net Weight	Kg.	1.34 Kg.

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