

more

high fidelity range



MW 1075 ^{F-8}

DPC Cone Double Magnet 10" Woofer



Morel unique vented double magnet system
 - steel chassis - damped polymer composite cone
 - polymer treated foam surround.

Very low resonant frequency - excellent bass response resulting from the longer voice coil, allowing a more linear excursion.

Smooth frequency response to 4 KHz.
 Suitable for both two and three-way systems - 3" voice coil with aluminium wire - high power handling capability.



Specification

Overall Dimensions	Ø- 263mm(10.35") x 80mm(3.125")
Nominal Power Handling (Din)	180 W
Transient Power - 10ms	1000 W
Voice Coil Diameter	75mm(3")
Voice Coil Type / Former	Hexatech Aluminium
Frequency Response	22-4000 Hz
FS - Resonant Frequency	25 Hz
Sensitivity 1W/1M	89 dB
Z - Nominal Impedance	8 ohms
RE - DC Resistance	6.4 ohms
LBM - Voice Coil Inductance @ 1 KHz	0.62 mH
Magnetic Gap Width	1.35mm(0.053")
HE - Magnetic Gap Height	6mm(0.25")
Voice Coil Height	14.5mm(0.57")
X - Max. Linear Excursion	4.25mm(0.167")
B - Flux Density / BL Product (IBXL)	0.65 T / 0.59 NA
Qms - Mechanical Q Factor	2.50
Qes - Electrical Q Factor	0.87
Q/T - Total Q Factor	0.85
Vas - Equivalent Cas Air Load	178 litres (2.3 ft ³)
MMS - Moving Mass / Rmec	28gm / 2.00ns/m
SD - Effective Cone/Dome Area	324 cm ²
Cone/Dome Material	DPC (Damped Polymer Composite)
Nett Weight	1.34 kg

Specifications given as after
 24 hours of running.

