CAW 538
Classic Advanced Woofer,
Ø 5", Ø 3" voicecoil, 8Ω

SPECIFICATIONS

General Data
Overall Dimensions  DxH  143mm(5.63")x65mm(2.55")
Nominal Power Handling (DIN)  P  150W
Transmit Power 10ms  1000W
Sensitivity 1W/1M  86 dB SPL
Frequency Response  35-3500 Hz
Cone/Dome Material  Damped Polymer Composite
Net Weight  Kg  1.12

Electrical Data
Nominal Impedance  Z  8Ω
DC Resistance  Rs  5.2Ω
Voice Coil Inductance @ 1KHz  LBM  0.47mH

Voice Coil and Magnet Parameters
Voice Coil Diameter  DIA  75mm
Voice Coil Height  HE  12mm
HE Magnetic Gap Height  6mm
Max Linear Excursion  X  3mm
Voice Coil Former  Aluminum
Voice Coil Wire  Hexatech™ Aluminum
Number Of Layers  2
Magnet System Type  High flux double ferrite vented
B Flux Density  B  0.72 T
BL Product  BXL  6.9N.A

T-S Parameters
Suspension Compliance  Cms  0.72 mm/N
Mechanical Q Factor  Qms  1.83
Electric Q Factor  Qes  0.48
Total Q Factor  Qts  0.38
Mechanical Resistance  Rms  2.39 Kg/s
Moving Mass  Mms  14 g
Eq. Cas Air Load (liters)  VAS  8.2 Lt
Resonant Frequency  Fs  49 Hz
Effective Piston Area  SD  90 cm²

FEATURES
* UniFlow™ Aluminum diecast chassis
* High flux ferrite double magnet system
* 3" Large Hexatech™ Aluminum voice coil
* High power handling
* Shallow profile D.P.C cone
* Improved parameters

Unit Dimensions

This model replaces former Morel MW-144 model.
Morel operate policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.