EM 428
Elite Midrange,
Ø 4", Ø 2.1" voicecoil, 8Ω

SPECIFICATIONS

General Data
- Overall Dimensions: D×H 118.5mmx56m
- Nominal Power Handling (DIN): P 160W
- Transient Power 10ms: 800W
- Sensitivity 1W/1M: 87dB SPL
- Frequency Response: 50-5,000 Hz
- Cone/Dome Material: Damped Polymer Composite
- Net Weight: Kg 0.518

Electrical Data
- Nominal Impedance: Z 8Ω
- Dc Resistance: Re 5.4Ω
- Voice Coil Inductance @ 1KHz: LBM 0.36mH

Voice Coil and Magnet Parameters
- Voice Coil Diameter: DIA 54mm
- Voice Coil Height: 12mm
- HE Magnetic Gap Height: HE 5mm
- Max. Linear Excursion: X ±3mm
- Voice Coil Former: Aluminum
- Voice Coil Wire: Hexatech™ Aluminum
- Number Of Layers: 2
- Magnet System Type: Neodymium vented
- B Flux Density: B 0.88 T
- BL Product: BLX 5.4 N.A

T-S Parameters
- Suspension Compliance: Cms 0.88 mm/N
- Mechanical Q Factor: Qms 3.03
- Electric Q Factor: Qes 0.48
- Total Q Factor: Qts 0.41
- Mechanical Resistance: Rms 0.86 Kg/s
- Moving Mass: Mms 6.5g
- Eq. Cas Air Load (Liters): VAS 3.5 Lt
- Resonant Frequency: F0 68 Hz
- Effective Piston Area: SD 57 cm²

FEATURES
- Uniflow™ steel chassis
- Neodymium magnet system
- 2.1" Large Hexatech™ Aluminum voice coil
- High power handling
- Shallow profile D.P.C cone

Unit Dimensions

A - Overall diameter 118.5mm
B - Cut out diameter 94mm
C - Flange thickness 5mm
D - Overall height 56mm
E - Basket + magnet depth 51mm
F - Mounting holes location diameter 110mm
G - 4 Mounting holes, at 90° interval, inner hole diameter Ø 3mm

This model replaces former Morel MW-114S model.

Morel operate policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.