VP170G4

6"/150mm Coated paper cone High impact polymer chassis

- Coated paper cone
- Non resonant - corrosion-free - High impact polymer chassis
- High-loss rubber surround
- Kapton former voice coil
- Gold plated terminals
- Vented magnet system

All dimensions in mm

Response Curve

Waterfall

Cumulative Spectral Decay  Log Frequency - Hz

Specifications

Technical characteristics | Symbol | Value | Units
---|---|---|---
Nominal impedance | Z | 4 | Ω
Resonance Frequency | Fs | 45.32 | Hz
Nominal Power Handling | P | W
Sensitivity (0,83 V - 1m) | E | 92 | dB

Voice Coil

- Voice Coil Diameter: Ø 25 mm
- Minimum Impedance: Zmin 3.5 Ω
- DC Resistance: Dcr 5.28 Ω
- Voice Coil Inductance: Ltm 0.31 mH
- Voice Coil Length: h 12 mm
- Former: kapton
- Number of Layers: n 2
- Wire type: round
- Wire material: copper

Magnet

- Magnet Dimensions: d x h 84 x 15 mm
- Magnet Weight: m 347 g
- Flux Density: B 1 T
- Force Factor: BL 4.04 NA
- Height of Magnetic Gap: He 5 mm
- Stray Flux: Fmag - Am
- Linear Excursion: Xmax ±3,5 mm

Parameters

- Suspension Compliance: Qms 1170 μm/N
- Mechanical Q Factor: Qms 5.47 -
- Electrical Q Factor: Qes 0.4 -
- Total Q Factor: Qts 0.37 -
- Mechanical Resistance: Rms 0.04 kg s⁻¹
- Moving Mass: Mms 10.54 g
- Effective Piston Area: S 132.73 cm²
- Volume Equivalent of Air at Coh: Vas 28.95 liters
- Mass of Speaker: M 1 Kg

Suggested Applications

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<th>Vb</th>
<th>Fb</th>
<th>Dp</th>
<th>Lp</th>
<th>F-3</th>
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<td>liters</td>
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<td>cm</td>
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