Technology and Art of Sound
Manufactured by elettromedia Italy

HERTZ

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# SYSTEM HI energy

# HSK 165 250 Watt


## Technical Specifications

| | | |
|---|---|---|
| **Component** | | 2 way system |
| **Size**<br>mm | HV 165 woofer<br>HT 25 tweeter | 165 (6"1/2)<br>25 (1") |
| **Power Handling** | W peak<br>W continuous | 250<br>125 |
| **Impedance** | Ω | 4 |
| **Frequency response** | Hz | 50 ÷ 22k |
| **Sensitivity** | dB/SPL | 92 |
| **Crossover included** | LO/HI-pass | 3.2 kHz @ 12/12 dB OCT. |
| **Component adjustment** | Tweeter | -2; 0; +2 |
| **Outer Ø**<br>mm | Woofer<br>Tweeter | 167<br>44 |
| **Mounting Ø**<br>mm | Woofer<br>Tweeter | 146<br>41 |
| **Total depth**<br>mm | Woofer<br>Tweeter | 79<br>26 |
| **Mount. depth**<br>mm | Woofer<br>Tweeter | 69<br>15 |
| **Magnet size**<br>mm | Woofer<br>Tweeter | 85<br>24,5 |
| **Weight of one component** kg | Woofer<br>Tweeter | 1,13<br>0,06 |
| **Voice coil Ø**<br>mm | Woofer<br>Tweeter | 30<br>25 |

## HV 165 Electro-Acoustic Parameters

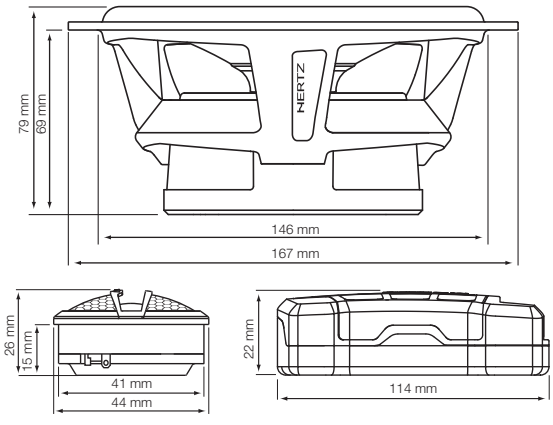
| | | |
|---|---|---|
| **D** | mm | 130 |
| **Xmax** | mm | 3 |
| **Re** | Ω | 3,0 |
| **Fs** | Hz | 70 |
| **Le** | mH@1kHz | 0,40 |
| **Le** | mH@10kHz | 0,23 |
| **Vas** | l | 8,00 |
| **Mms** | g | 13,5 |
| **Cms** | mm/N | 0,32 |
| **BL** | T-m | 6,00 |
| **Qts** | | 0,60 |
| **Qes** | | 0,65 |
| **Qms** | | 10,00 |
| **Spl (1m/2,83V)** | dB | 92 |

**Tweeter:**

1 Tetolon® soft dome tweeter.
2 25mm ø, ferrofluid-cooled mobile voice coil.
3 High energy Neodymium magnet.
4 Rear acoustic chamber.
5 Revolving support and accessories for factory location and flush mounting.
6 Very flexible, high current input cable.

**Woofer:**

1 Soft iron plates for high heat dissipation, part of the symmetrical magnetic flux motor.
2 Over-sized magnet; provides outstanding energy for maximum control.
3 Pure copper voice coil wound on a KSV former; for excellent thermal and mechanical capability.
4 Vented bottom plate; improves linearity and thermal dissipation.
5 Damped Mesh Fibre Cone; for extended bandwidth and smooth response.
6 V-cone®; for the best off-axis dispersion and mid-high frequency detail.
7 Anti-vibration rubber magnet cover; damps spurious vibrations.
8 Aerodynamic die-cast aluminium basket; eliminating rear wave reflections.
9 Radial Venting System; for efficient thermal management.
10 Loss-less Polymer Rubber Surround; for long throw and maximum damping.
11 Grille included.



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