

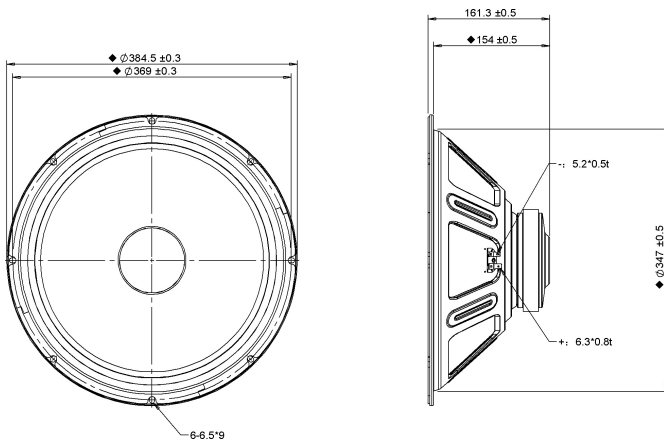


Ferrite Magnet

Pressed Steel Basket

Paper Diaphragm

Fabric Surround

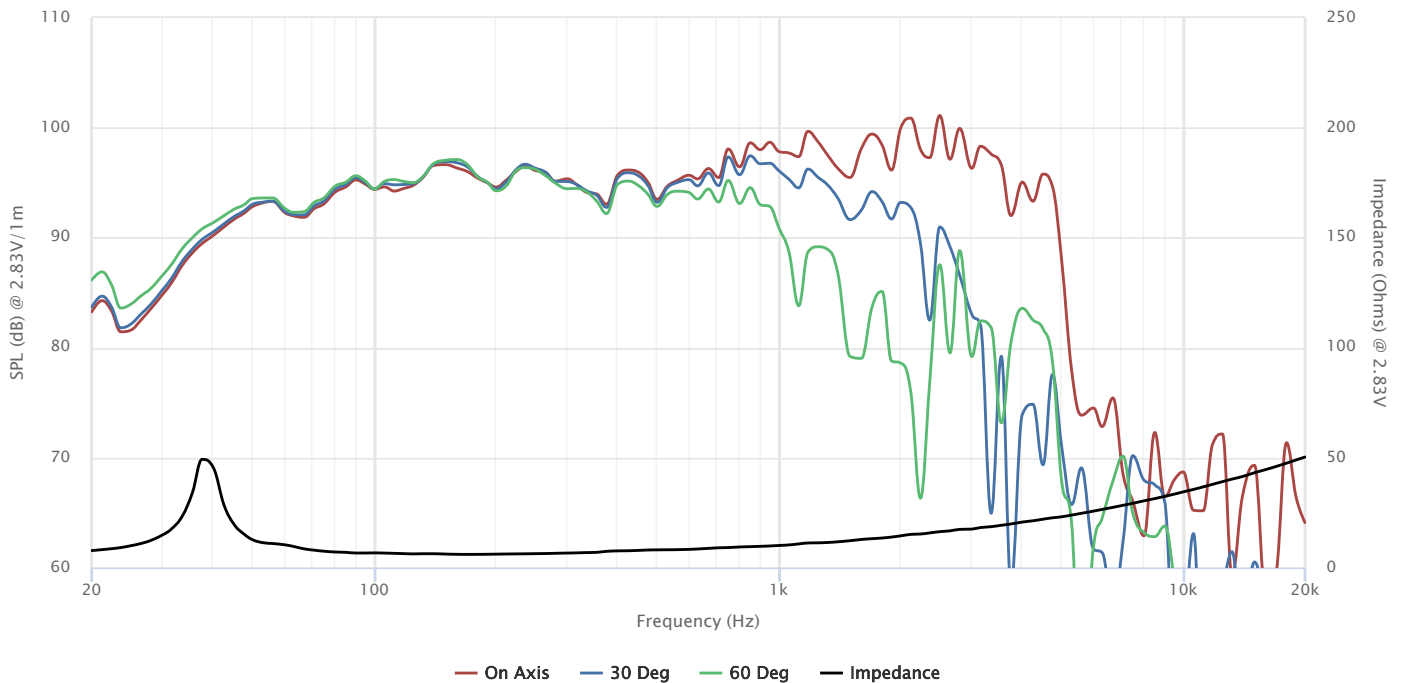


SPECIFICATIONS

|  |                                   |             |
|--|-----------------------------------|-------------|
| Transducer Size                            | 15                                | in          |
| Impedance                                  | 8                                 | Ω           |
| Frequency Range <sup>1</sup>               | 40 - 400                          | Hz          |
| Sensitivity <sup>2</sup> (2.83V   1W @ 1m) | 95.9   95.9                       | dB          |
| Power Rating (AES2-1984)                   | 200                               | W           |
| Voice Coil Size                            | 50.5                              | mm          |
| Air Gap   Winding Height                   | H <sub>ag</sub>   H <sub>vc</sub> | 8   14.6 mm |
| Net Weight                                 | 3.48                              | kg          |

PARAMETERS <sup>3</sup>

|                                       |                   |       |                                    |
|---------------------------------------|-------------------|-------|------------------------------------|
| Eff. Piston Area                      | S <sub>d</sub>    | 855   | cm <sup>2</sup>                    |
| DC Resistance                         | R <sub>e</sub>    | 5.5   | Ω                                  |
| Minimum Impedance                     | Z <sub>min</sub>  | 6     | Ω                                  |
| Inductance                            | L <sub>e</sub>    | 0.729 | mH                                 |
| Resonance Frequency <sup>4</sup>      | F <sub>s</sub>    | 43    | Hz                                 |
| Mechanical Q Factor                   | Q <sub>ms</sub>   | 10.2  | -                                  |
| Electrical Q Factor                   | Q <sub>es</sub>   | 0.745 | -                                  |
| Total Q Factor                        | Q <sub>ts</sub>   | 0.7   | -                                  |
| Moving Mass                           | M <sub>ms</sub>   | 68.8  | g                                  |
| Compliance                            | C <sub>ms</sub>   | 200   | μm/N                               |
| Equivalent Volume                     | V <sub>as</sub>   | 203   | L                                  |
| Motor Force Factor                    | Bl                | 11.8  | Tm                                 |
| Motor Efficiency                      | β                 | 25.2  | (Bl) <sup>2</sup> / R <sub>e</sub> |
| Linear Excursion <sup>5</sup>         | X <sub>max</sub>  | 5.97  | mm                                 |
| Max Mechanical Excursion <sup>6</sup> | X <sub>mech</sub> | 15.5  | mm                                 |



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