

● Pressed Steel Basket

● Ferrite Magnet

● Patented PentaCut Cone Technology

● NBR Rubber Surround

● Copper Cap

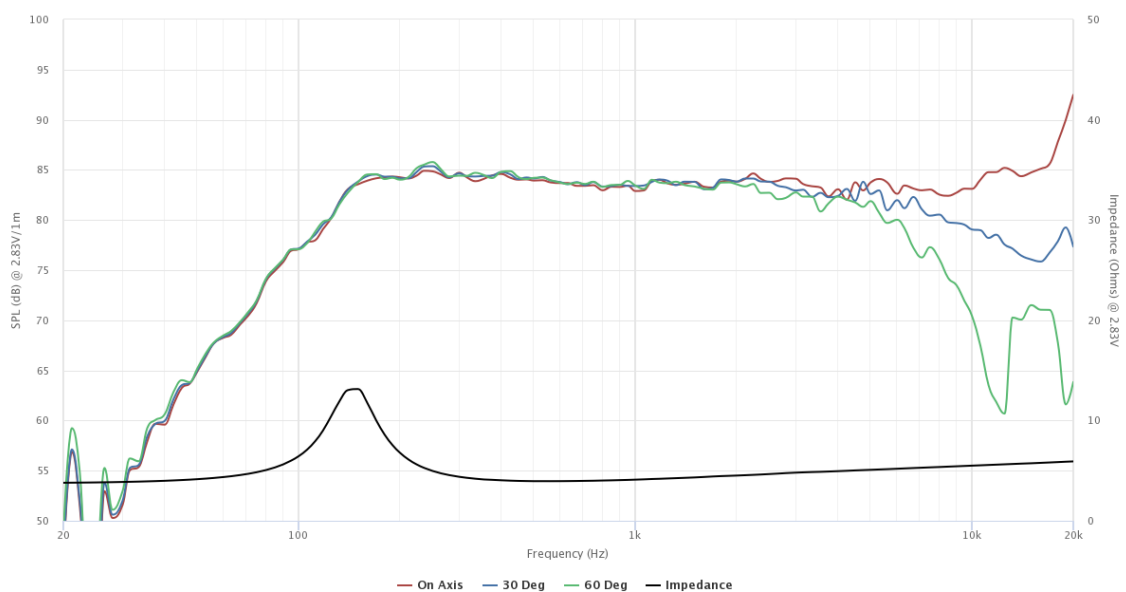
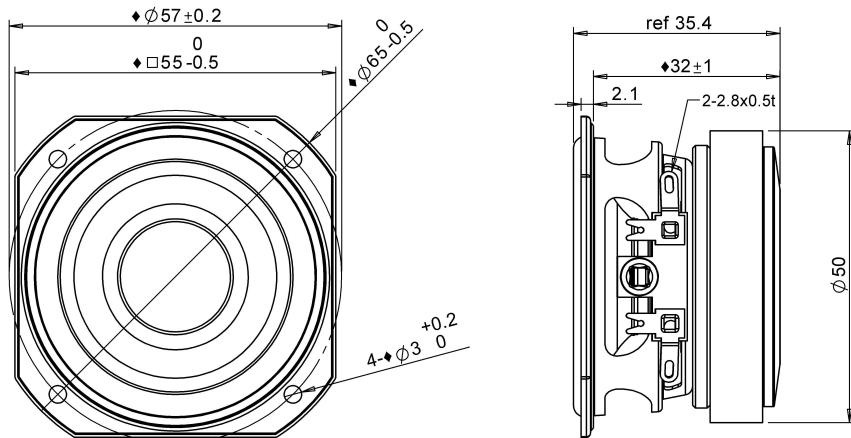


SPECIFICATIONS

| | | |
|--|---------------------|----------|
| Transducer Size | 2 | in |
| Impedance | 4 | Ω |
| Frequency Range ¹ | 150 - 20000 | Hz |
| Sensitivity ² (2.83V 1W @ 1m) | 83.8 80.8 | dB |
| Power Rating (IEC 268-5) | 15 | W |
| Voice Coil Size | 19.3 | mm |
| Air Gap Winding Height | H_{ag} H_{vc} | 3 5 mm |
| Net Weight | 0.173 | kg |

PARAMETERS ³

| | | | |
|---------------------------------------|------------|-------|---------------------------|
| Eff. Piston Area | S_d | 15.2 | cm ² |
| DC Resistance | R_e | 3.6 | Ω |
| Minimum Impedance | Z_{min} | 4 | Ω |
| Inductance | L_e | 0.051 | mH |
| Resonance Frequency ⁴ | F_s | 180 | Hz |
| Mechanical Q Factor | Q_{ms} | 4.25 | - |
| Electrical Q Factor | Q_{es} | 1.36 | - |
| Total Q Factor | Q_{ts} | 1 | - |
| Moving Mass | M_{ms} | 1.33 | g |
| Compliance | C_{ms} | 590 | $\mu\text{m}/\text{N}$ |
| Equivalent Volume | V_{as} | 0.192 | L |
| Motor Force Factor | Bl | 1.98 | Tm |
| Motor Efficiency | β | 1.11 | (Bl) ² / R_e |
| Linear Excursion ⁵ | X_{max} | 2 | mm |
| Max Mechanical Excursion ⁶ | X_{mech} | - | mm |



Details on this spec sheet are for reference only and should not be used for setting production limits. Specifications and product cosmetics are subject to change without notice. Peerless is a registered trademark of Tympany Enterprises. All measurements conducted in test lab at 25°C ±10°C, 50%RH ±10%. ¹ Specified by Engineering as linear working range of transducer. ² Measured at 2.83V at 1m and normalized to 1W with respect to nominal impedance. ³ Measured in Free Air without preconditioning, therefore subject to some deviation. ⁴ Impedance and F_s value measured under different conditions. ⁵ Equal/Overhung: $(H_{vc} - H_{ag})/2 + H_{ag}/3$. Underhung: $(H_{ag} - H_{vc})/2 + H_{vc}/3$. ⁶ Mechanically limited excursion (e.g. bottoming, spider crash).