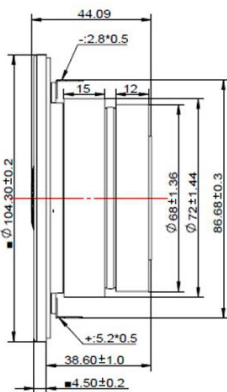
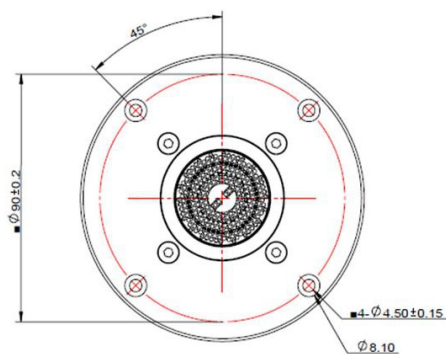


- Aluminum Diaphragm
- Silk Surround
- Ferrofluid Filled Motor
- High Sensitivity
- Grille

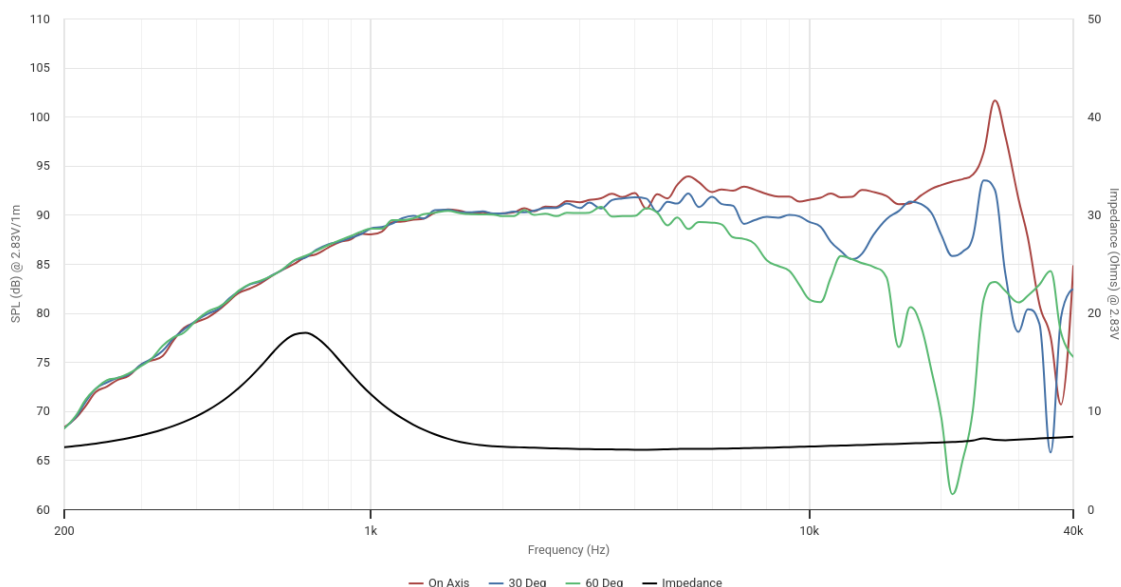


SPECIFICATIONS

Transducer Size	1	in
Impedance	6	Ω
Frequency Range ¹	1000 - 20000	Hz
Sensitivity ² (2.83V 1W @ 1m)	91.6 90.3	dB
Power Rating (IEC 268-5)	15	W
Voice Coil Size	25.4	mm
Air Gap Winding Height	H _{ag} H _{vc}	3 2.2 mm
Net Weight	0.68	kg

PARAMETERS ³

Eff. Piston Area	S _d	6.61	cm ²
DC Resistance	R _e	5.2	Ω
Minimum Impedance	Z _{min}	6.1	Ω
Inductance	L _e	0.024	mH
Resonance Frequency ⁴	F _s	710	Hz
Mechanical Q Factor	Q _{ms}	1.78	-
Electrical Q Factor	Q _{es}	0.704	-
Total Q Factor	Q _{ts}	0.51	-
Moving Mass	M _{ms}	0.265	g
Compliance	C _{ms}	190	μm/N
Equivalent Volume	V _{as}	0.012	L
Motor Force Factor	Bl	2.98	Tm
Motor Efficiency	β	1.69	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	1.13	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).