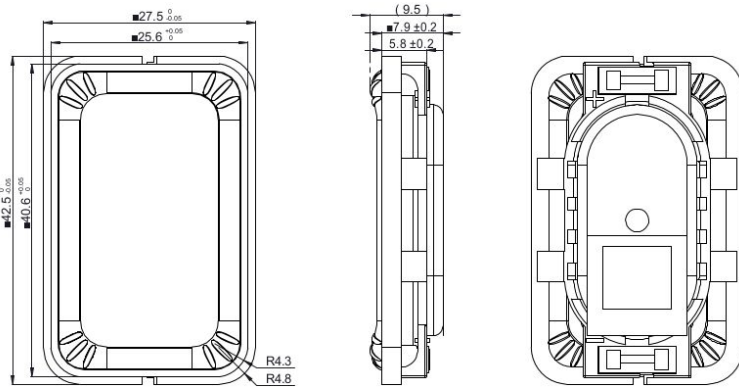


- Aluminum Diaphragm
- Polyurethane Surround
- Neodymium Motor
- Spider-less Suspension System

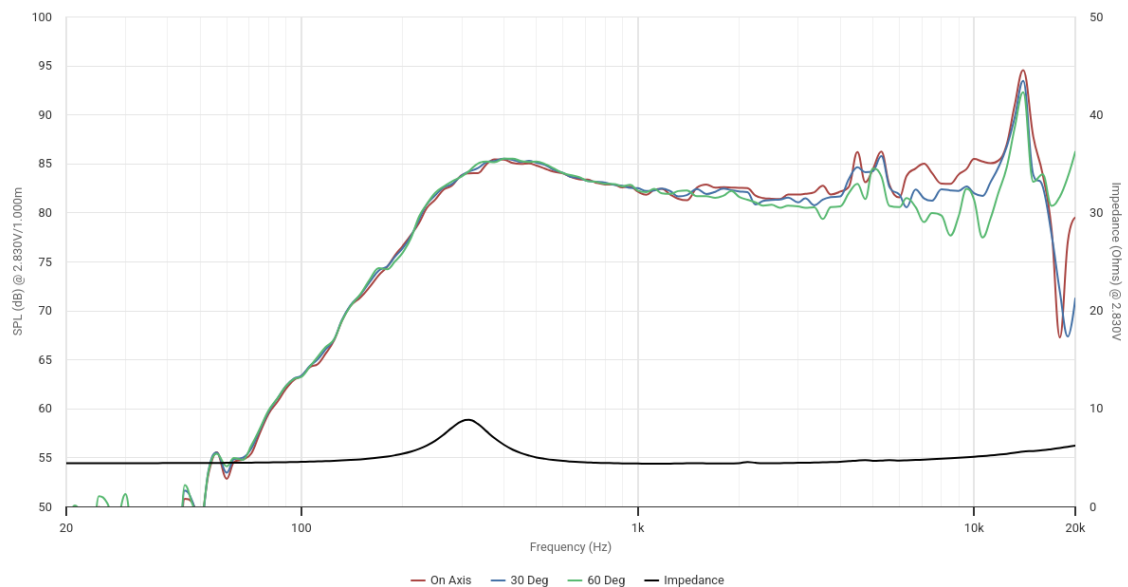


SPECIFICATIONS

Transducer Size	20 x 40	mm
Impedance	4	Ω
Frequency Range ¹	300 - 10000	Hz
Sensitivity ² (2.83V 1W @ 1m)	82.2 79.2	dB
Power Rating (IEC 268-5)	1	W
Voice Coil Size	11 x 25.4	mm
Air Gap Winding Height	H _{ag} H _{vc}	1.2 2
Net Weight	0.014	kg

PARAMETERS ³

Eff. Piston Area	S _d	7.45	cm ²
DC Resistance	R _e	4.3	Ω
Minimum Impedance	Z _{min}	4.4	Ω
Inductance	L _e	0.045	mH
Resonance Frequency ⁴	F _s	340	Hz
Mechanical Q Factor	Q _{ms}	2.92	-
Electrical Q Factor	Q _{es}	2.52	-
Total Q Factor	Q _{ts}	1.4	-
Moving Mass	M _{ms}	0.367	g
Compliance	C _{ms}	610	μm/N
Equivalent Volume	V _{as}	0.048	L
Motor Force Factor	Bl	1.14	Tm
Motor Efficiency	β	0.306	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	0.8	mm
Max Mechanical Excursion ⁶	X _{mech}	1.78	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).