



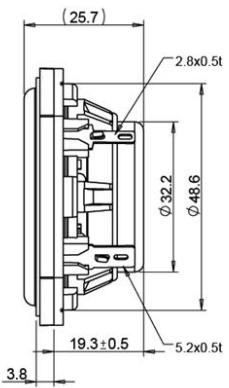
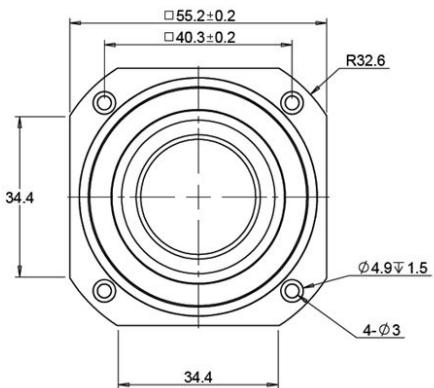
Aluminum Diaphragm

Neodymium Motor

Low Distortion

Excellent Off-Axis Response

Optimized for Telecommunications

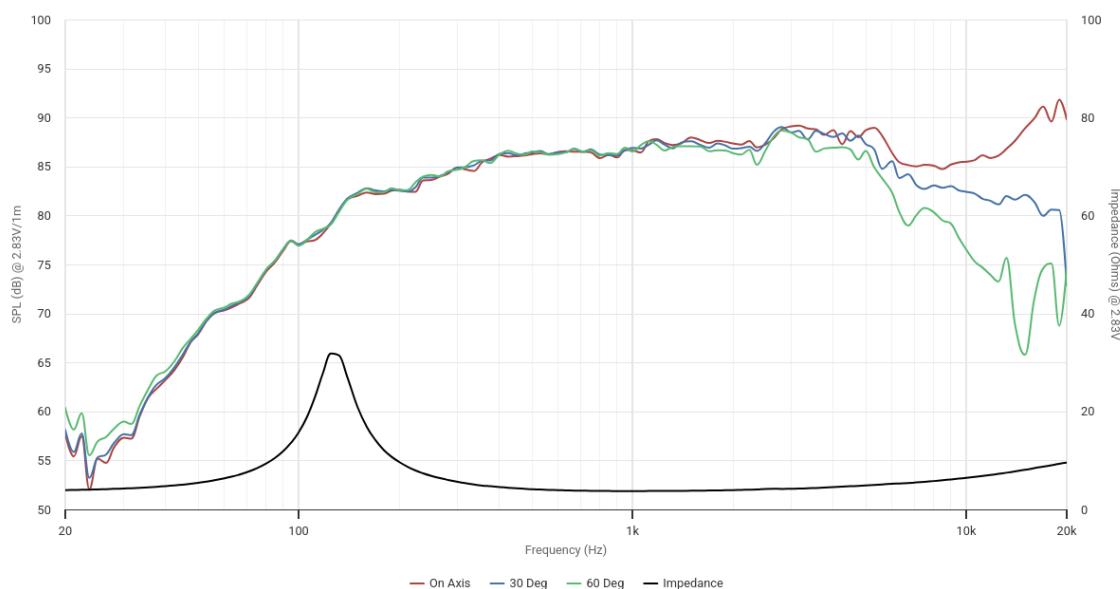


SPECIFICATIONS

Transducer Size	2	in	
Impedance	4	Ω	
Frequency Range ¹	200 - 10000	Hz	
Sensitivity ² (2.83V 1W @ 1m)	86.9 83.9	dB	
Power Rating (IEC 268-5)	5	W	
Voice Coil Size	25.5	mm	
Air Gap Winding Height	H _{ag} H _{vc}	2 5.5	mm
Net Weight	0.069	kg	

PARAMETERS ³

Eff. Piston Area	S _d	13.9	cm ²
DC Resistance	R _e	3.5	Ω
Minimum Impedance	Z _{min}	3.7	Ω
Inductance	L _e	0.078	mH
Resonance Frequency ⁴	F _s	150	Hz
Mechanical Q Factor	Q _{ms}	4.85	-
Electrical Q Factor	Q _{es}	0.549	-
Total Q Factor	Q _{ts}	0.49	-
Moving Mass	M _{ms}	1.22	g
Compliance	C _{ms}	880	μm/N
Equivalent Volume	V _{as}	0.239	L
Motor Force Factor	Bl	2.74	Tm
Motor Efficiency	β	2.15	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	2.42	mm
Max Mechanical Excursion ⁶	X _{mech}	3.5	mm



Highcharts.com

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 Tymphony 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).