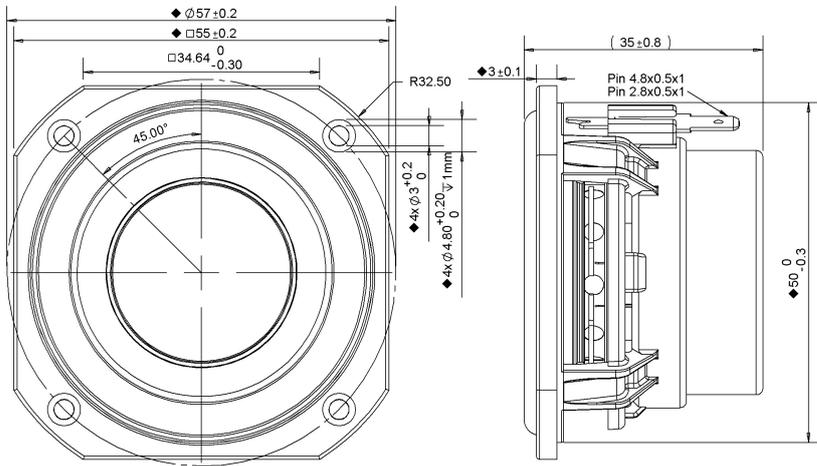


- Aluminum Diaphragm
- Copper Cap
- Neodymium Motor
- SBR Rubber Surround
- Enhanced Voice Coil Cooling

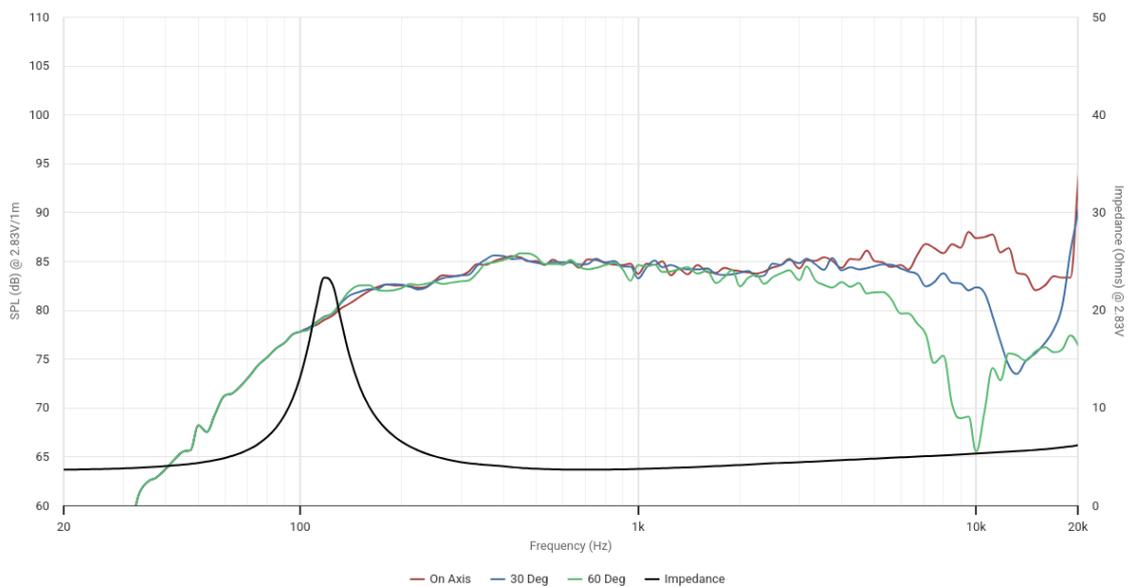


SPECIFICATIONS

Transducer Size	2	in	
Impedance	4	Ω	
Frequency Range ¹	200 - 15000	Hz	
Sensitivity ² (2.83V 1W @ 1m)	84.9 81.9	dB	
Power Rating (IEC 268-5)	20	W	
Voice Coil Size	25.7	mm	
Air Gap Winding Height	H _{ag} H _{vc}	3 6.3	mm
Net Weight	0.13	kg	

PARAMETERS ³

Eff. Piston Area	S _d	15.2	cm ²
DC Resistance	R _e	3.4	Ω
Minimum Impedance	Z _{min}	3.6	Ω
Inductance	L _e	0.034	mH
Resonance Frequency ⁴	F _s	140	Hz
Mechanical Q Factor	Q _{ms}	6.53	-
Electrical Q Factor	Q _{es}	0.697	-
Total Q Factor	Q _{ts}	0.63	-
Moving Mass	M _{ms}	1.65	g
Compliance	C _{ms}	730	μm/N
Equivalent Volume	V _{as}	0.24	L
Motor Force Factor	Bl	2.72	Tm
Motor Efficiency	β	2.15	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	2.65	mm
Max Mechanical Excursion ⁶	X _{mech}	4.2	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).