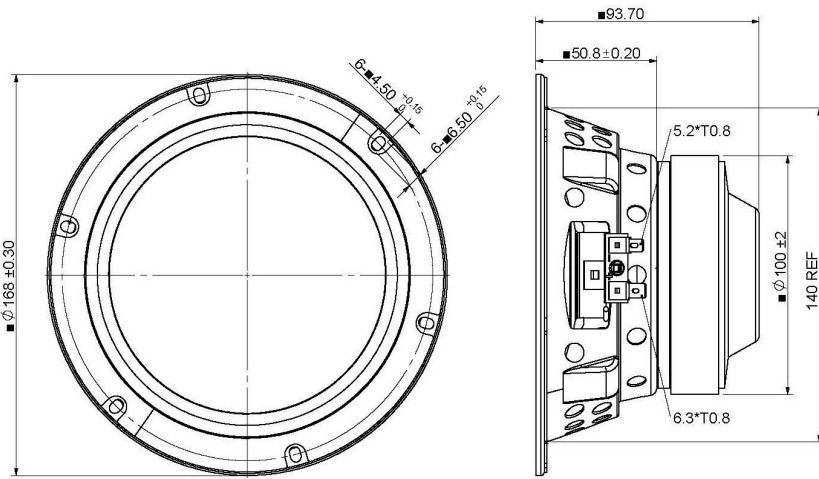


● Ferrite Magnet

● Pressed Steel Basket

● Aluminum Diaphragm

● NBR Rubber Surround

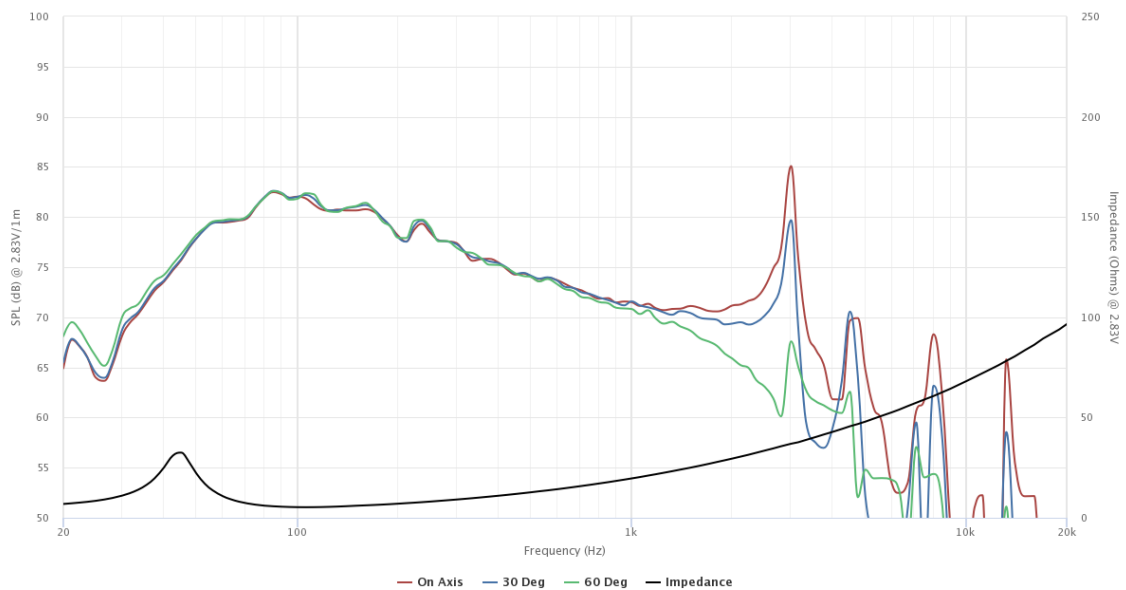


SPECIFICATIONS

Transducer Size	6.5	in	
Impedance	4	Ω	
Frequency Range ¹	40 - 500	Hz	
Sensitivity ² (2.83V 1W @ 1m)	81.7 78.7	dB	
Power Rating (IEC 268-5)	150	W	
Voice Coil Size	35.6	mm	
Air Gap Winding Height	H _{ag} H _{vc}	6 23	mm
Net Weight	1.7	kg	

PARAMETERS ³

Eff. Piston Area	S _d	123	cm ²
DC Resistance	R _e	4.1	Ω
Minimum Impedance	Z _{min}	5.3	Ω
Inductance	L _e	1.91	mH
Resonance Frequency ⁴	F _s	49	Hz
Mechanical Q Factor	Q _{ms}	5.84	-
Electrical Q Factor	Q _{es}	0.693	-
Total Q Factor	Q _{ts}	0.62	-
Moving Mass	M _{ms}	58.2	g
Compliance	C _{ms}	180	μm/N
Equivalent Volume	V _{as}	3.91	L
Motor Force Factor	Bl	10.3	Tm
Motor Efficiency	β	25.7	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	10.5	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).