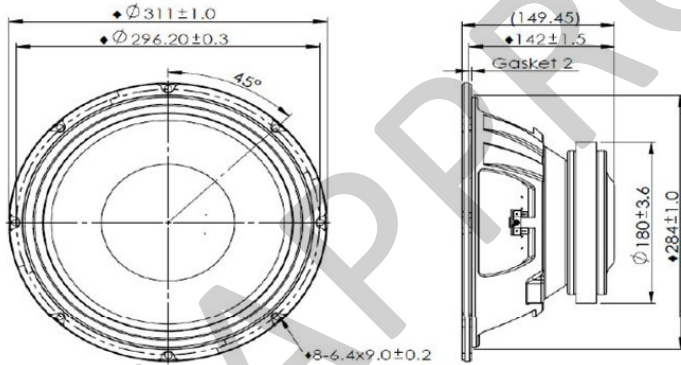


- Ferrite Magnet
- Pressed Steel Basket
- Paper Diaphragm
- Fabric Surround
- High Power and Thermal Handling

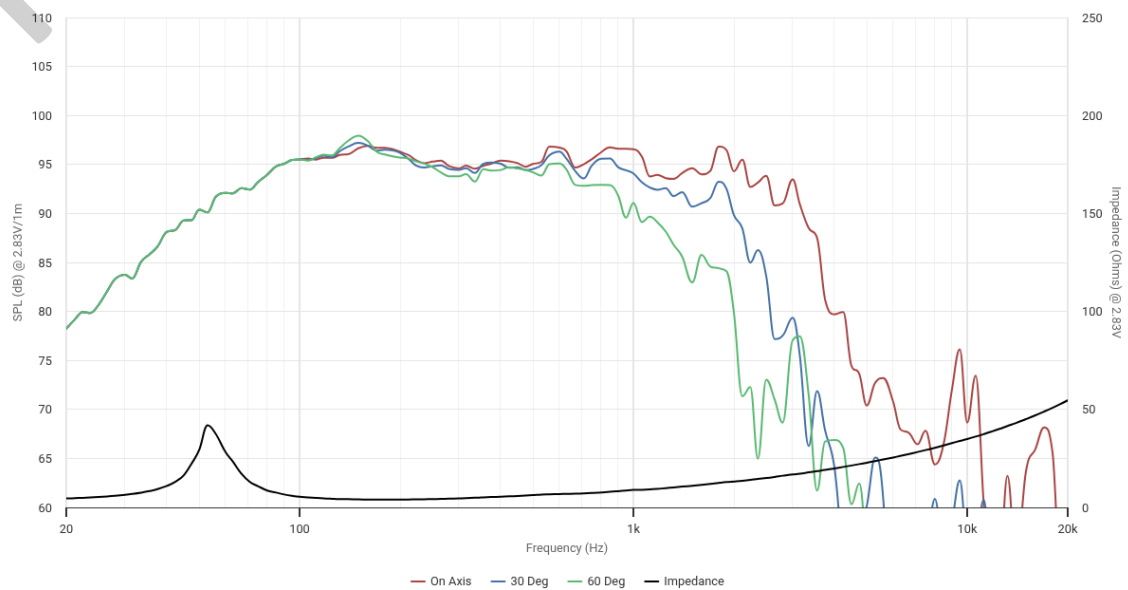


SPECIFICATIONS

Transducer Size	12	in
Impedance	4	Ω
Frequency Range ¹	60 - 2000	Hz
Sensitivity ² (2.83V 1W @ 1m)	96.5 93.5	dB
Power Rating (AES2-1984)	400	W
Voice Coil Size	75.7	mm
Air Gap Winding Height	H _{ag} H _{vc}	8 17
Net Weight	6.48	kg

PARAMETERS ³

Eff. Piston Area	S _d	539	cm ²
DC Resistance	R _e	3.3	Ω
Minimum Impedance	Z _{min}	3.9	Ω
Inductance	L _e	0.528	mH
Resonance Frequency ⁴	F _s	56	Hz
Mechanical Q Factor	Q _{ms}	9.23	-
Electrical Q Factor	Q _{es}	0.57	-
Total Q Factor	Q _{ts}	0.54	-
Moving Mass	M _{ms}	69.4	g
Compliance	C _{ms}	120	μm/N
Equivalent Volume	V _{as}	47.4	L
Motor Force Factor	Bl	11.9	Tm
Motor Efficiency	β	43	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	7.17	mm
Max Mechanical Excursion ⁶	X _{mech}	21.9	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).