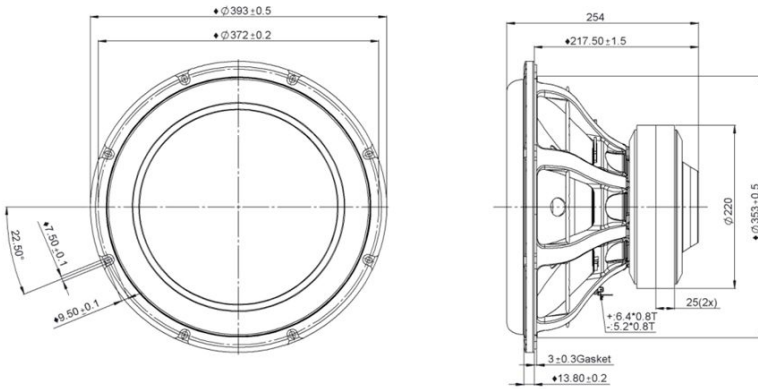


- Extra-Long Stroke Rubber Surround
- Paper Diaphragm
- Cast Aluminum Frame
- High Excursion
- High Power and Thermal Handling

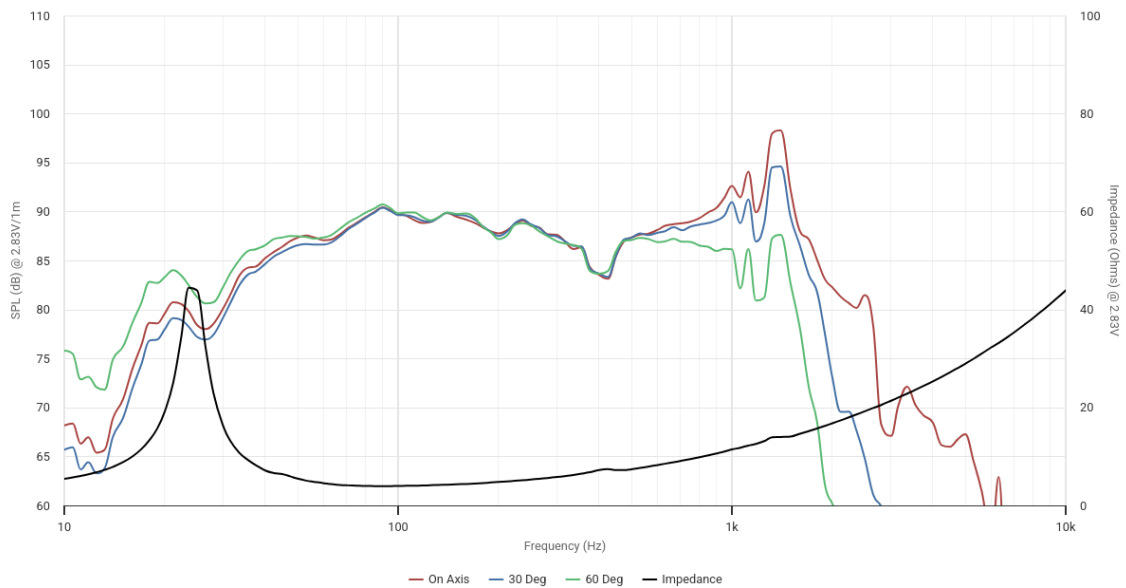


SPECIFICATIONS

Transducer Size	15	in	
Impedance	4	Ω	
Frequency Range ¹	30 - 300	Hz	
Sensitivity ² (2.83V 1W @ 1m)	90.2 87.2	dB	
Power Rating (IEC 268-5)	400	W	
Voice Coil Size	75.6	mm	
Air Gap Winding Height	H_{ag} H_{vc}	18 53.8	mm
Net Weight	17.4	kg	

PARAMETERS ³

Eff. Piston Area	S_d	771	cm ²
DC Resistance	R_e	2.8	Ω
Minimum Impedance	Z_{min}	3.9	Ω
Inductance	L_e	1.14	mH
Resonance Frequency ⁴	F_s	26	Hz
Mechanical Q Factor	Q_{ms}	9.31	-
Electrical Q Factor	Q_{es}	0.436	-
Total Q Factor	Q_{ts}	0.42	-
Moving Mass	M_{ms}	348	g
Compliance	C_{ms}	110	$\mu\text{m}/\text{N}$
Equivalent Volume	V_{as}	91.2	L
Motor Force Factor	Bl	19.2	Tm
Motor Efficiency	β	130	$(Bl)^2 / R_e$
Linear Excursion ⁵	X_{max}	23.9	mm
Max Mechanical Excursion ⁶	X_{mech}	43.1	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).