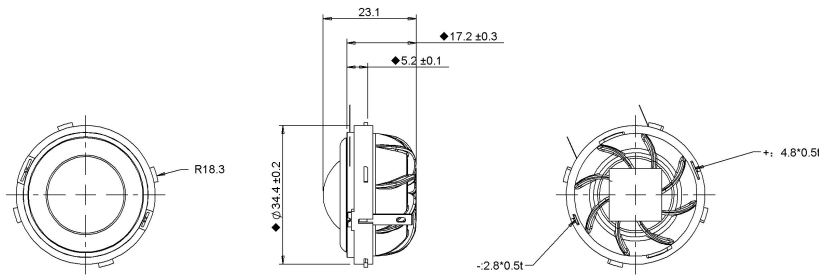


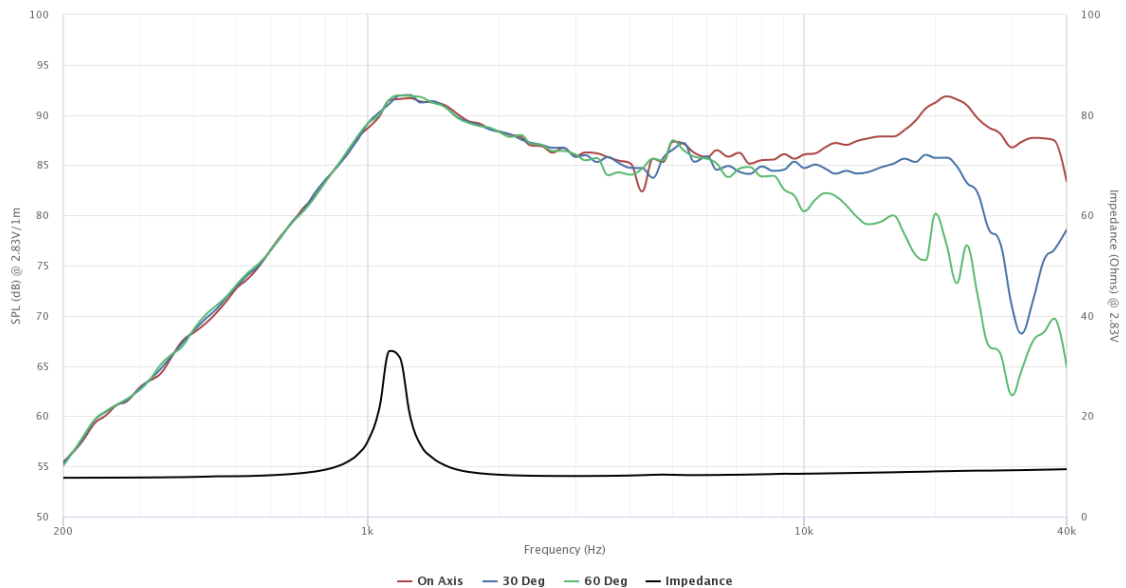
- Cost Optimized
- Copper Cap
- Neodymium Motor
- Low Resonance
- Teteron Diaphragm


SPECIFICATIONS

Transducer Size	20	mm
Impedance	8	Ω
Frequency Range ¹	1000 - 40000	Hz
Sensitivity ² (2.83V 1W @ 1m)	86.3 86.3	dB
Power Rating (IEC 268-5)	80	W
Voice Coil Size	19.3	mm
Air Gap Winding Height	H _{ag} H _{vc}	2 2
Net Weight	0.04	kg

PARAMETERS ³

Eff. Piston Area	S _d	4.56	cm ²
DC Resistance	R _e	7.6	Ω
Minimum Impedance	Z _{min}	8.1	Ω
Inductance	L _e	0.017	mH
Resonance Frequency ⁴	F _s	1100	Hz
Mechanical Q Factor	Q _{ms}	11.5	-
Electrical Q Factor	Q _{es}	2.46	-
Total Q Factor	Q _{ts}	2	-
Moving Mass	M _{ms}	0.107	g
Compliance	C _{ms}	180	μm/N
Equivalent Volume	V _{as}	0.006	L
Motor Force Factor	Bl	1.54	Tm
Motor Efficiency	β	0.313	(Bl) ² / R _e
Linear Excursion ⁵	X _{max}	0.667	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 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 Fs 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).