



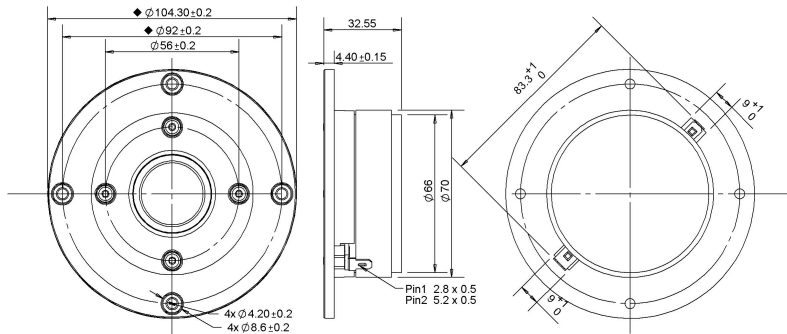
Ferrite Magnet

Ferrofluid Filled Motor

Fabric Diaphragm

High Sensitivity

Faceplate

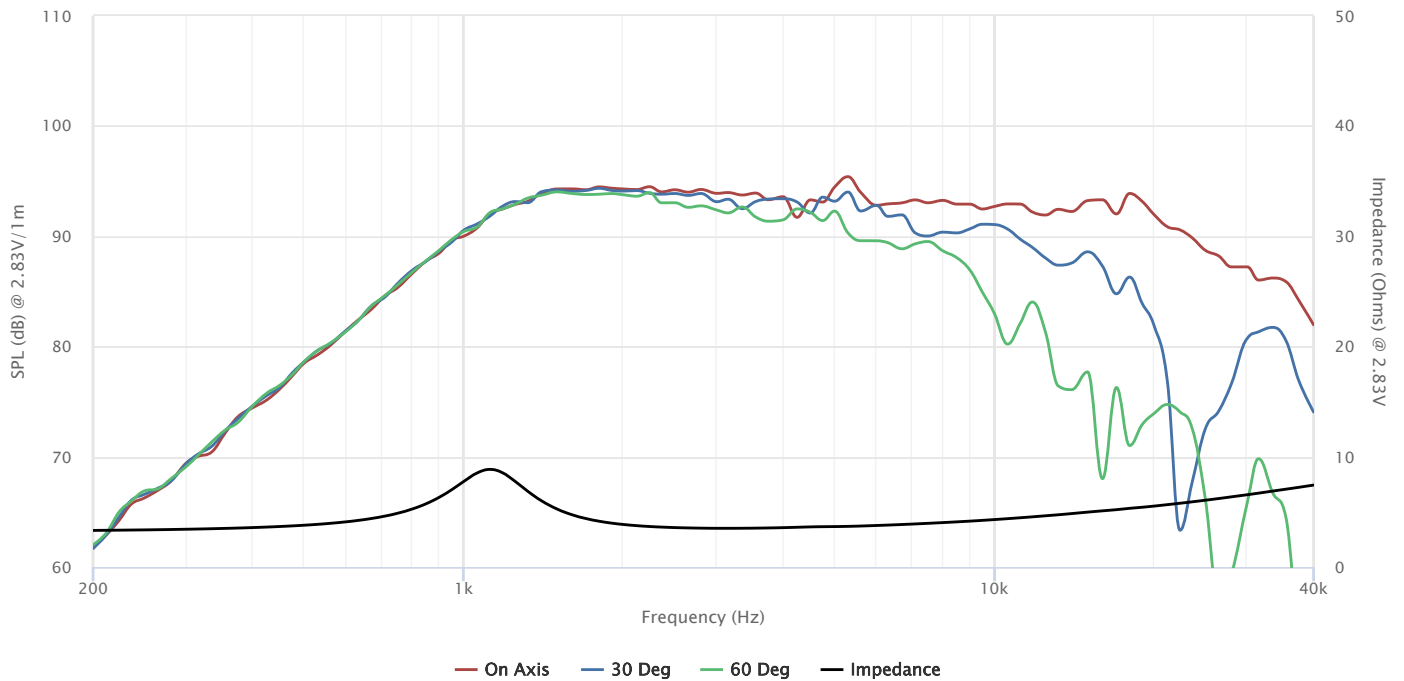


SPECIFICATIONS

Transducer Size	1	in
Impedance	4	$\Omega$
Frequency Range <sup>1</sup>	1500 - 20000	Hz
Sensitivity <sup>2</sup> (2.83V   1W @ 1m)	93.9   90.9	dB
Power Rating (IEC 268-5)	7	W
Voice Coil Size	25.4	mm
Air Gap   Winding Height	H <sub>ag</sub>   H <sub>vc</sub>	3   2 mm
Net Weight	0.51	kg

PARAMETERS <sup>3</sup>

Eff. Piston Area	S <sub>d</sub>	6.16	cm <sup>2</sup>
DC Resistance	R <sub>e</sub>	3.2	$\Omega$
Minimum Impedance	Z <sub>min</sub>	3.5	$\Omega$
Inductance	L <sub>e</sub>	0.029	mH
Resonance Frequency <sup>4</sup>	F <sub>s</sub>	1100	Hz
Mechanical Q Factor	Q <sub>ms</sub>	2.75	-
Electrical Q Factor	Q <sub>es</sub>	1.53	-
Total Q Factor	Q <sub>ts</sub>	0.98	-
Moving Mass	M <sub>ms</sub>	0.347	g
Compliance	C <sub>ms</sub>	58	$\mu$ m/N
Equivalent Volume	V <sub>as</sub>	0.003	L
Motor Force Factor	Bl	2.24	Tm
Motor Efficiency	$\beta$	1.59	(Bl) <sup>2</sup> / R <sub>e</sub>
Linear Excursion <sup>5</sup>	X <sub>max</sub>	1.17	mm



Highcharts.com

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