



TC9FD18-08

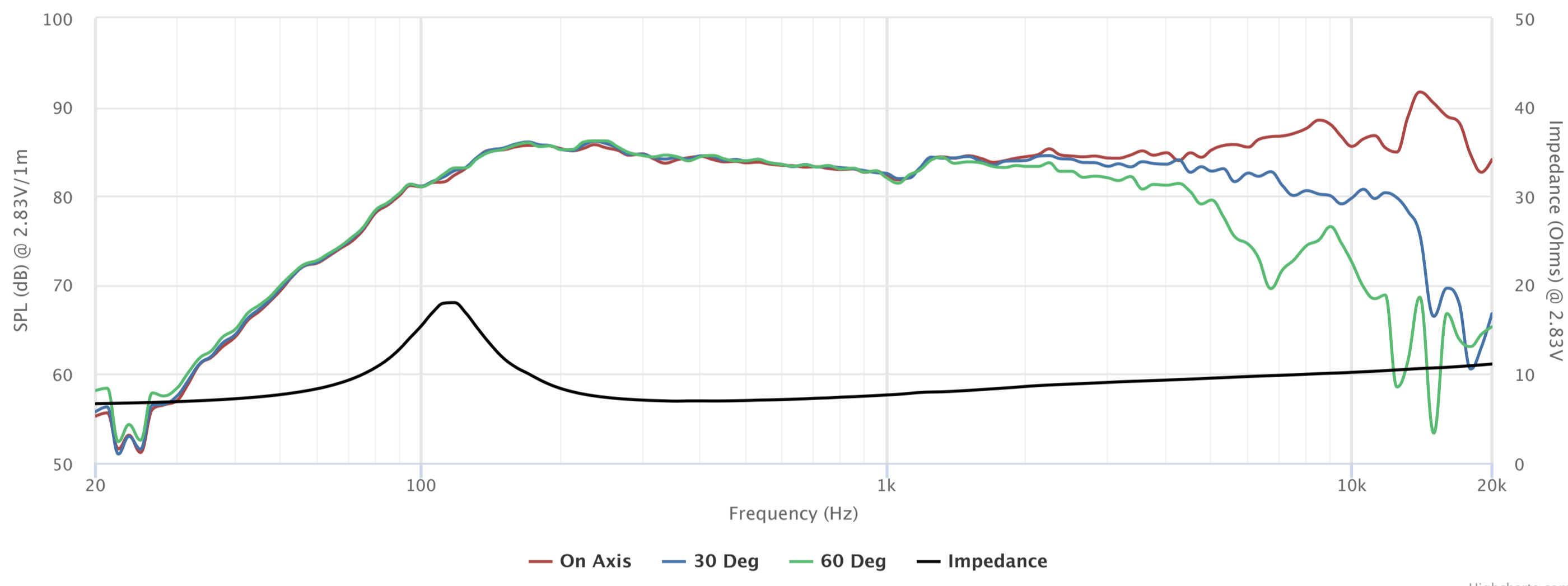
Transducer Size	89 mm
Impedance	8 Ω
Resonance Frequency	130 Hz
Sensitivity @ 1W/1m	84 dB
Rated Noise Power	30 W
Frequency Range	70 - 20000 Hz
Net Weight	0.3 kg

FEATURES

- Ferrite Magnet
- Copper Cap
- Patented PentaCut Cone Technology
- NBR Rubber Surround
- Aluminum Diaphragm

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HALF-SPACE FREQUENCY & IMPEDANCE RESPONSE



TECHNICAL SPECIFICATIONS

Transducer Size		89	mm
DC Resistance	Re	6.2	Ω
Resonance Frequency	Fs	130	Hz
Sensitivity @ 2.83V/1m		84	dB
Sensitivity @ 1W/1m		84	dB
Rated Noise Power (IEC 268-5)		30	W
Test Spectrum Bandwidth		70 - 20000	Hz
Effective Piston Area	Sd	36.3	cm ²
Moving Mass	Mms	2.67	g
Motor Force Factor	Bl	3.13	Tm
Motor Efficiency	β	1.57	(Bl) ² / Re
Voice Coil Inner Diameter		19.4	mm
Gap Height	Hag	4	mm
Maximum Linear Excursion	Xmax	3.88	mm
Minimum Impedance	Zmin	7	Ω
Voice Coil Inductance	Le	0.108	mH
Mechanical Q Factor	Qms	2.97	
Electrical Q Factor	Qes	1.44	
Total Q Factor	Qts	0.97	
Suspension Compliance	Cms	520	μm/N
Net Weight		0.3	kg
Equivalent Volume	Vas	0.978	L



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Easy Integration. Greater Reliability.

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