

# Technical Specifications

	SYMBOL	UNIT	VALUE
			KFC-W2500
Nominal Impedance	Z	ohms	4
DC Resistance	R <sub>E</sub>	ohms	3.51
Voice Coil Inductance	L <sub>BM</sub>	μH	1.47 × 10 <sup>3</sup>
Resonant Frequency	F <sub>SO</sub>	Hz	28
Resonant Frequency Impedance	Z <sub>SO</sub>	ohms	138.6
Mechanical Q Factor	Q <sub>MS</sub>		11.228
Electrical Q Factor	Q <sub>ES</sub>		0.337
Total Q Factor	Q <sub>TS</sub>		0.327
Volume Acoustic Compliance	V <sub>AS</sub>	liter (cu.ft.)	74.25 2.62
Mechanical Resistance	R <sub>MS</sub>	kg/s	1.142
Moving Mass	M <sub>MS</sub>	g	71.03
Suspension Compliance	C <sub>MS</sub>	m/N	0.432 × 10 <sup>-3</sup>
Emissive Diameter of the Diaphragm	D	mm	213
Voice Coil Diameter	d	mm	50.65
Voice Coil Layers	n		4
Flux Density	B	T	0.65
Force Factor	BL	T·m	11.568
Diameter of Magnet	A	mm	120
Weight of Magnet		kg	0.74
Total Flux	Φ	Wb	0.86 × 10 <sup>-3</sup>
Peak Excursion	X <sub>max</sub>	mm	4.95

## ■ Frequency response

KFC-W2500

