

Woofer Parameters

		KFC-W2580	KFC-W3080	UNIT
Nominal Impedance	Z	8	8	ohms
DC Resistance	Re	6.44	6.82	ohms
Voice Coil Inductance	Le	2.107	1.4	mH
Resonant Frequency	Fs	29	26	Hz
Resonant Frequency Impedance	Zso	203.4	74.2	W
Mechanical Q Factor	Qms	4.180	5.740	
Electrical Q Factor	Qes	0.418	0.506	
Total Q Factor	Qts	0.380	0.465	
Volume Acoustic Compliance	Vas	2.41	3.65	cu. ft.
Mechanical Resistance	Rms	1.024	0.810	lb/s
Moving Mass	Mms	2.21	2.73	oz.
Suspension Compliance	Cms	0.364/K	0.306/K	m/N
Emisive Diameter of Diaphragm	D	0.213	0.256	m
Voice Coil Diameter	d	1.99	2.59	inch
Voice Coil Layers	n	4	2	
Flux Density	B	0.65	0.92	T
Force Factor	BL	13.709	13.724	T,M
Diameter of Magnet	A	4.72	5.71	inch
Weight of Magnet	M	26.10	42.33	oz.
Total Flux		0.86/K	1.73/K	Wb
Voice Coil Overhang	Xmax	0.19	0.22	inch

Woofers Parameters

		KFC-HQW258	KFC-HQW308	UNIT
Nominal Impedance	Z	8	8	ohms
DC Resistance	Re	6.54	6.49	ohms
Voice Coil Inductance	Le	1.273	1.441	mH
Resonant Frequency	Fs	32	30	Hz
Resonant Frequency Impedance	Zso	34.78	38.02	W
Mechanical Q Factor	Qms	3.139	2.425	
Electrical Q Factor	Qes	0.629	0.516	
Total Q Factor	Qts	0.524	0.425	
Volume Acoustic Compliance	Vas	1.30	2.30	cu. ft.
Mechanical Resistance	Rms	5.702	7.846	lb/s
Moving Mass	Mms	2.21	2.58	oz.
Suspension Compliance	Cms	0.166/K	0.203/K	m/N
Emisive Diameter of Diaphragm	D	0.215	0.247	m
Voice Coil Diameter	d	2.55	3.18	inch
Voice Coil Layers	n	2	2	
Flux Density	B	0.82	0.95	T
Force Factor	BL	12.502	15.465	T,M
Diameter of Magnet	A	5.12	6.14	inch
Weight of Magnet	M	63.49	92.71	oz.
Total Flux		1.52/K	2.19/K	Wb
Voice Coil Overhang	Xmax	0.26	0.24	inch