

Technical Specifications

	SYMBOL	UNIT	KFC-HQW300
Nominal Impedance	Z	ohms	4
DC Resistance	R _E	ohms	3.25
Voice Coil Inductance	L _{BM}	μH	0.934 × 10 ³
Resonant Frequency	F _{SO}	Hz	29
Resonant Frequency Impedance	Z _{SO}	ohms	24.01
Mechanical Q Factor	Q _{MS}		2.539
Electrical Q Factor	Q _{ES}		0.397
Total Q Factor	Q _{TS}		0.343
Volume Acoustic Compliance	V _{AS}	liter (cu.ft.)	73.93 2.61
Mechanical Resistance	R _{MS}	kg/s	7.082
Moving Mass	M _{MS}	g	74.22
Suspension Compliance	C _{MS}	m/N	0.230 × 10 ⁻³
Emissive Diameter of the Diaphragm	D	mm	247
Voice Coil Diameter	d	mm	80.80
Voice Coil Layers	n		2
Flux Density	B	T	0.95
Force Factor	BL	T·m	12.126
Diameter of Magnet	A	mm	156
Weight of Magnet	M	kg	2.6
Total Flux	Φ	Wb	2.19 × 10 ⁻³
Peak Excursion	X max	mm	6

Recommended Box and Port size

Recommended Box size		57 liter (2 cu.ft.)
Recommended Port size	Diameter	102 mm (4 in)
	Length	203 mm (8 in)

Dimensions

Unit: mm(inch)

Frequency response

