



## Woofers Parameters

		HQW250	HQW300	UNIT
Nominal Impedance	Z	4	4	ohms
DC Resistance	Re	3.80	3.25	ohms
Voice Coil Inductance	Le	.733	.934	mH
<b>Resonant Frequency</b>	<b>Fs</b>	<b>31</b>	<b>29</b>	<b>Hz</b>
Resonant Frequency Impedance	Zso	20.20	24.01	ohms
Mechanical Q Factor	Qms	2.792	2.539	
Electrical Q Factor	Qes	0.545	0.397	
<b>Total Q Factor</b>	<b>Qts</b>	<b>0.456</b>	<b>0.343</b>	
<b>Volume Acoustic Compliance</b>	<b>Vas</b>	<b>1.48</b>	<b>2.61</b>	<b>cu. ft.</b>
Mechanical Resistance	Rms	12.0	15.616	lb/s
Moving Mass	Mms	2.22	2.62	oz.
Suspension Compliance	Cms	0.198/K	0.230/K	m/N
Emisive Diameter of Diaphragm	D	0.215	0.247	mm
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	9.614	12.126	T,M
Diameter of Magnet	A	5.12	6.14	inch
Weight of Magnet	M	63.5	91.7	oz.
Total Flux		1.52/K	2.19/K	Wb
Voice Coil Overhang	Xmax	0.236	0.236	inch