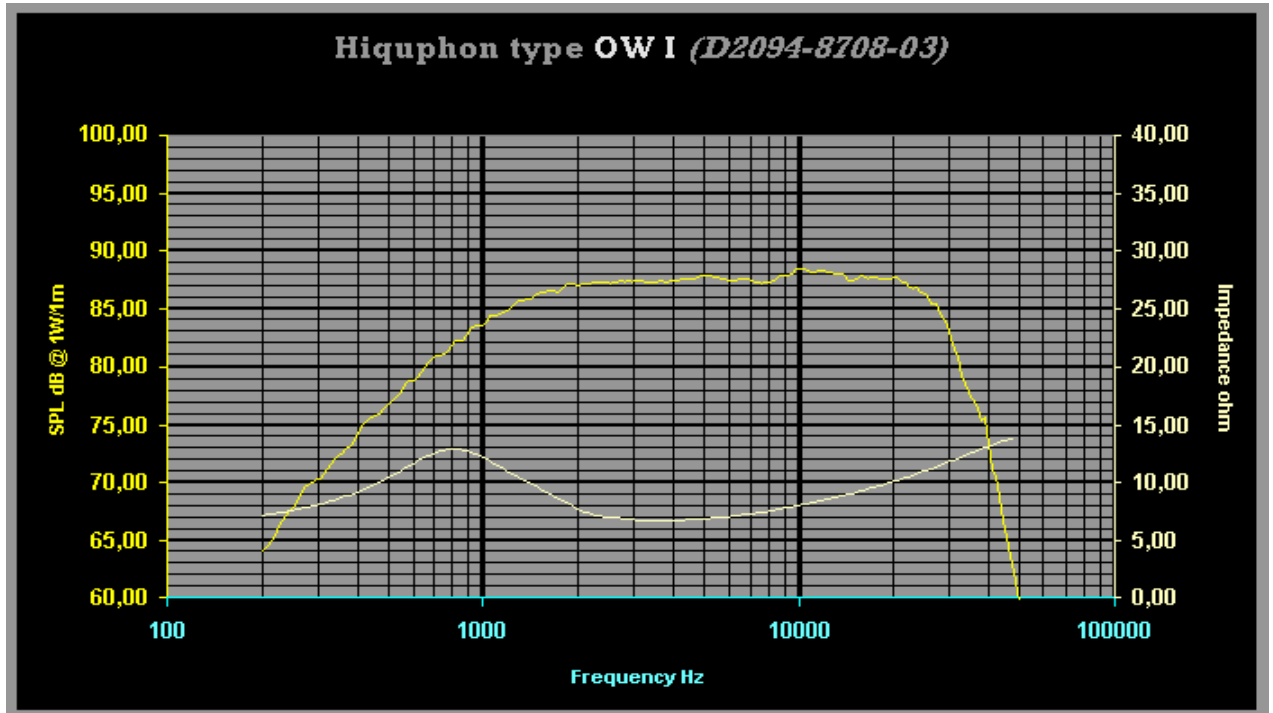


Technical data **OW I** (D2094-8708-03)



Acoustical data		
Nominal sensitivity SPL (1W/1m)	dB	87
Recommended frequency range	kHz	2.5 - 28
Frequency range 87 dB -1dB	kHz	1.5 - 25
Frequency range 87 dB -3dB	kHz	1.0 - 28
Nominal resonance frequency $F_s \pm 10\%$	Hz	850
Nominal impedance (at 10 kHz)	ohm	8
Minimum impedance (at ~ 3.5kHz)	ohm	6.7
DC resistance (at 0 Hz)	ohm	5.8
Peak impedance $\pm 10\%$ at $F_s$	ohm	13
Voice coil inductance	mH	0.03
Rated power 1)	Watt	100
THD + N at 1W sinus / 2.5-28 kHz	%	<0.15
Acoustical center relative to front	mm	-11.3
Dome diaphragm diameter nominal	mm	20
Voice coil diameter nominal	mm	20
Voice coil winding height	mm	3
Air gap height	mm	1.2
Peak - peak movement max recomm	mm	1.8
Flux gap density	Tesla	1.4
Effective cone area	mm <sup>2</sup>	380
Dynamic moving mass	mg	175
Measuring conditions: Temp / humidity	°C&%rH	20 / 60
Mechanical data		
Diameter flange (all over)	mm	94
All over height of unit	mm	41.5
Diameter body (Box hole: add 1 mm)	mm	68
Thickness flange	mm	3.7
Number of countersunk screw holes	#	3
Diameter screw holes	mm	4.3
Leads dimension max accepted	mm	2.5
Color chassis, standard	#	black
Color dome diaphragm	#	black
Gross weight	kg	0.36

1) Using x-over 12db/oct at 2.5 kHz

Data is subject to change without further notice, when improvements are implemented.

