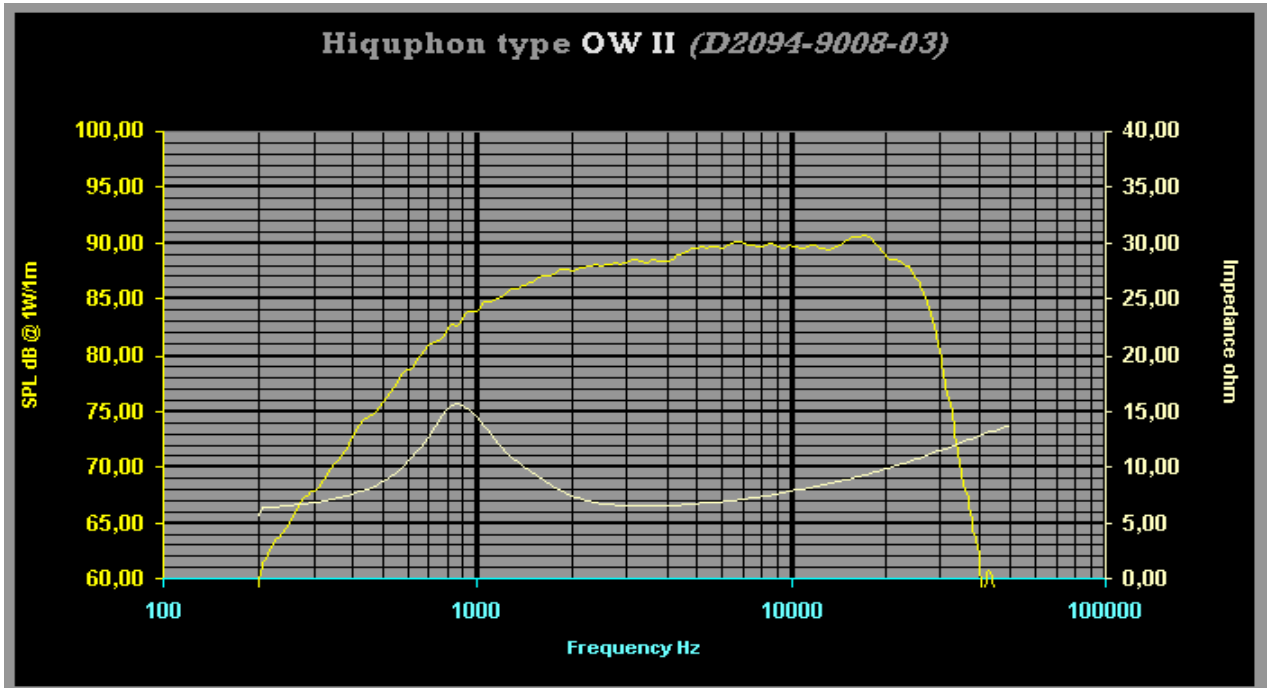


Technical data **OW II** (D2094-9008-03)



<b>Acoustical data</b>		
Nominal sensitivity SPL (1W/1m)	dB	90
Recommended frequency range	kHz	2.5 - 25
Frequency range 90 dB -1dB	kHz	4.5 - 20
Frequency range 90 dB -3dB	kHz	1.7 - 25
Nominal resonance frequency $F_s \pm 10\%$	Hz	850
Nominal impedance (at 10 kHz)	ohm	8
Minimum impedance (at ~ 3.5kHz)	ohm	6.5
DC resistance (at 0 Hz)	ohm	5.8
Peak impedance $\pm 10\%$ at $F_s$	ohm	15
Voice coil inductance	mH	0.03
Rated power 1)	Watt	100
THD + N at 1W sinus / 2.5-25 kHz	%	<0.2
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	160
Measuring conditions: Temp / humidity	°C&%rH	20 / 60
<b>Mechanical data</b>		
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 <sup>2</sup>	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.