

Technical data **OW III** (D2094-8908-G3)

<b>Acoustical data</b>		
Nominal sensitivity SPL (1W/1m)	dB	89
Recommended frequency range	kHz	2.5 - 26
Frequency range 89 dB -1dB	kHz	2.4 - 22
Frequency range 89 dB -3dB	kHz	1.4 - 26
Nominal resonance frequency Fs +/- 10%	Hz	900
Nominal impedance (at 10 kHz)	ohm	8
Minimum impedance (at ~ 3.8kHz)	ohm	6.6
DC resistance (at 0 Hz)	ohm	5.8
Peak impedance +/- 10% at Fs	ohm	15
Voice coil inductance	mH	0.03
Rated power 1)	Watt	100
THD + N at 1W sinus / 2.5-26 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
<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	#	golden
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.

