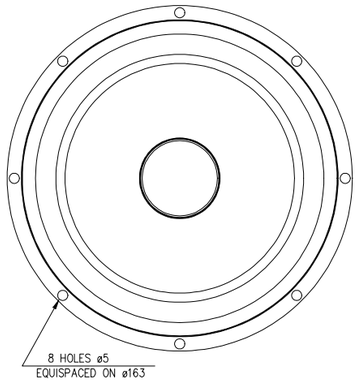
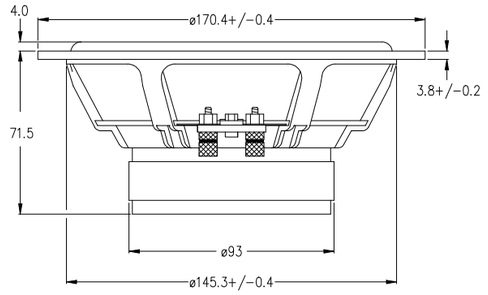
CW17E001

L0010

MID-WOOFER

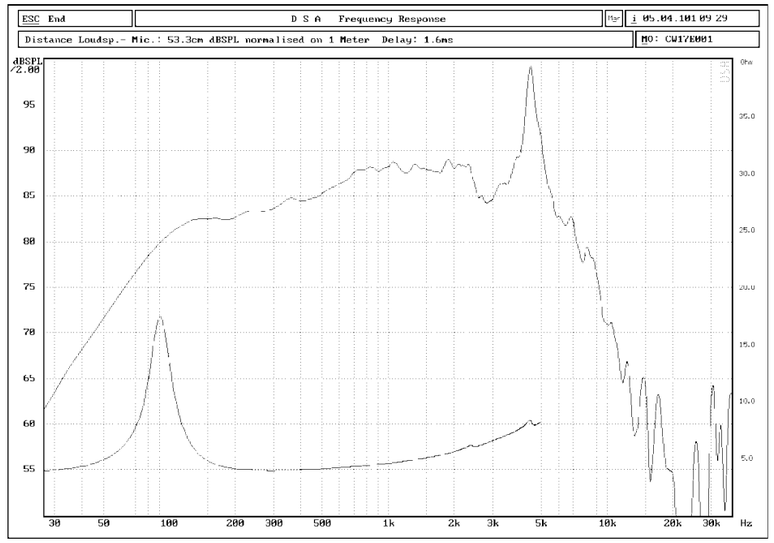




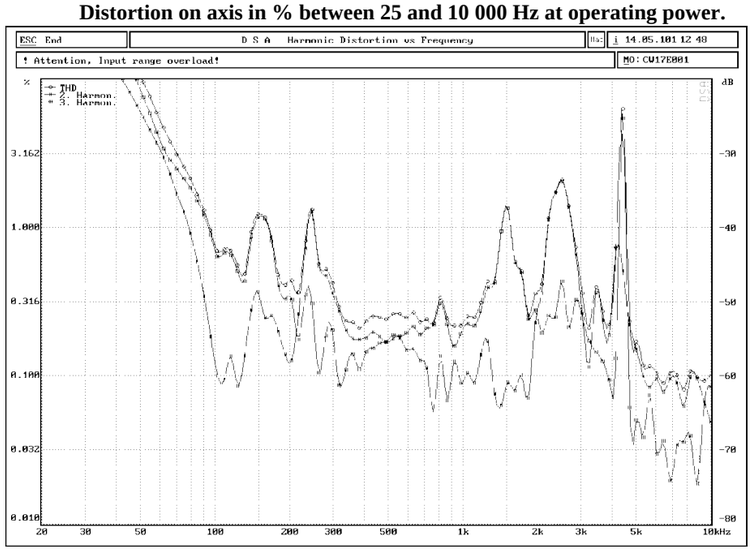
NOMINAL IMPEDANCE	4	Ohms	VOICE COIL RESISTANCE	3,2	Ohms
RECOMMENDED FREQUENCY RANGE	40-2500	Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.6	mH
SHORT TERM MAXIMUM POWER *	250	W	FORCE FACTOR	5.5	N/A
LONG TERM MAXIMUM POWER*	100	W	FREE AIR RESONANCE	48	Hz
CHARACTERISTIC SENSITIVITY (1W, 1m)	87	dB SPL	MOVING MASS	15.5	g
OPERATING POWER (96 dB SPL ,1 m)	8.0	W	AIR LOAD MASS IN IEC BAFFLE	1.0	g
			SUSPENSION COMPLIANCE	1.4	mm/N
VOICE COIL DIAMETER	39	mm	SUSPENSION MECHANICAL RESISTANCE	2.5	Ns/m
VOICE COIL HEIGHT	14.0	mm	EFFECTIVE PISTON AREA	126	sq.cm
AIR GAP HEIGHT	6.0	mm			
LINEAR COIL TRAVEL (p-p)	8.0	mm	VAS	15.0	Litres
MAXIMUM COIL TRAVEL (p-p)	19.0	mm	QMS	2.02	
MAGNETIC GAP FLUX DENSITY	0.88	T	QES	0.53	
MAGNET WEIGHT	0.42	Kg	QTS	0.42	
TOTAL WEIGHT	1.63	Kg			

* IEC 268-5

Response curve recorded in anechoic chamber (Free-field, 4 pi radiation) with 0.5m microphone distance. The loudspeaker is mounted in a closed box of 12 l net. volume



Distortion on axis in % between 25 and 10 000 Hz at operating power.



17cm High-End automotive mid/woofer

The CW17E001 is a High End Car Audio Woofer with an extremely low distortion. It is the choice for those seeking the most precise and realistic reproduction of the lower and mid frequency range in their cars.

Features:

Precision cast magnesium cone which acts like a piston throughout its working range.

Heavy copper rings above and below the T-shaped polepiece in the magnet system which give optimum performance in every voice coil position, and also reduce 2nd and 3rd harmonic distortion otherwise caused by flux modulation and eddy currents in the magnet system.

Natural rubber surround for optimum performance over a wide temperature range.

Stiff and stable injection moulded metal basket to keep the moving parts in perfect alignment under normal and extreme conditions.

All visibles metal parts in the magnet system are satin chromium plated to ensure a nice and durable appearance.

Screw terminals which ensure excellent long term contact with the speaker cables.