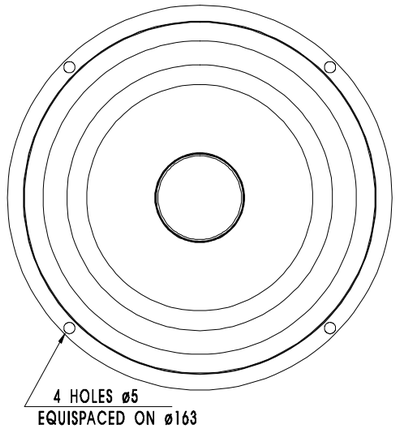
WOOFER

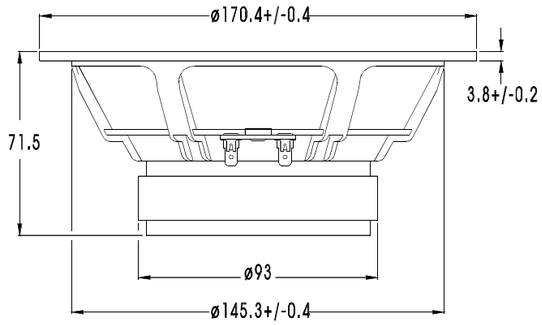
W17E-001

E 005

NOMINAL IMPEDANCE	8	Ohms	VOICE COIL RESISTANCE	6,9	Ohms
RECOMMENDED FREQUENCY RANGE	40-3000	Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.32	mH
SHORT TERM MAXIMUM POWER *	250	W	FORCE FACTOR	7,6	N/A
LONG TERM MAXIMUM POWER*	100	W	FREE AIR RESONANCE	35	Hz
CHARACTERISTIC SENSITIVITY (1W, 1m)	87,5	dB SPL	MOVING MASS	14,5	g
OPERATING POWER (96 dB SPL ,1 m)	7,0	W	AIR LOAD MASS IN IEC BAFFLE	1,0	g
			SUSPENSION COMPLIANCE	1,3	mm/N
VOICE COIL DIAMETER	39	mm	SUSPENSION MECHANICAL RESISTANCE	1,3	Ns/m
VOICE COIL HEIGHT	14	mm	EFFECTIVE PISTON AREA	126	sq.cm
AIR GAP HEIGHT	6.0	mm			
LINEAR COIL TRAVEL (p-p)	8.0	mm	VAS	31,8	Litres
MAXIMUM COIL TRAVEL (p-p)	19	mm	QMS	2,50	
MAGNETIC GAP FLUX DENSITY	0,88	T	QES	0.40	
MAGNET WEIGHT	0.42	Kg	QTS	0.35	
TOTAL WEIGHT	1.68	Kg			

* IEC 268-5





The W17E-001 is a 6,5" cone driver for use as a high fidelity Woofer or Woofer/Midrange unit. Choose it when you want smooth extended frequency response, linearized driving force, and low distortion.

SPECIAL FEATURES:

Natural rubber surround and a new fiberglass cone, incorporating the latest cone technology to stiffen the cone and improve damping capability.

Perfectly matched moving parts for a smooth, extended frequency response.

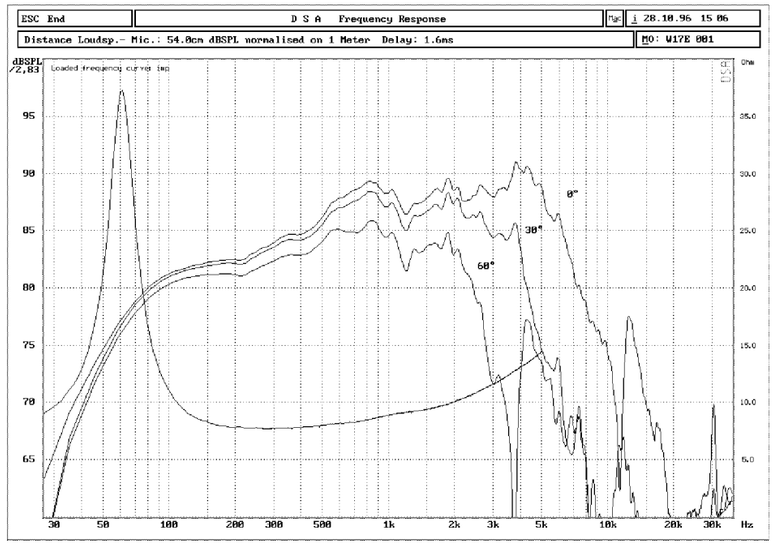
Heavy copper rings mounted above and below the T-shaped pole piece, to reduce non linear and modulation distortion and increase overload margin.

Copper plating of the top and bottom plates and a solid copper phase plug, which enhance the performance of the copper rings and improve heat conduction away from the pole piece.

Gold plated terminals mounted on a stiff bakelite plate to reduce contact resistance and improve reliability.

Stiff and stable injection moulded metal basket to keep the critical components in perfect alignment.

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 2000 Hz at operating power.