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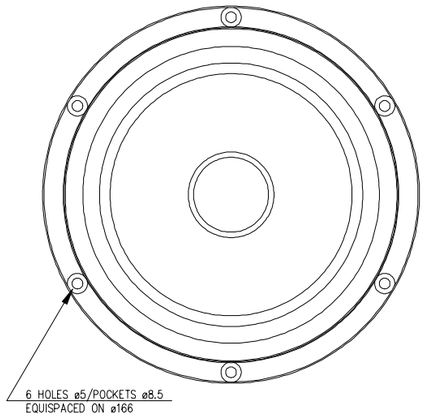
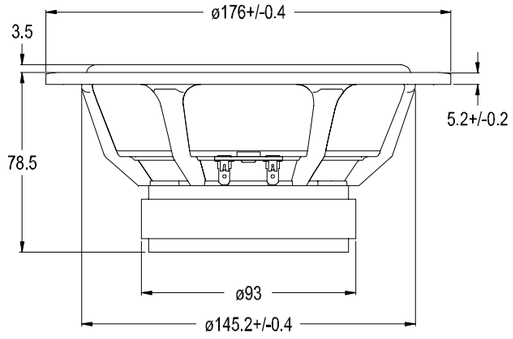
OF NORWAY

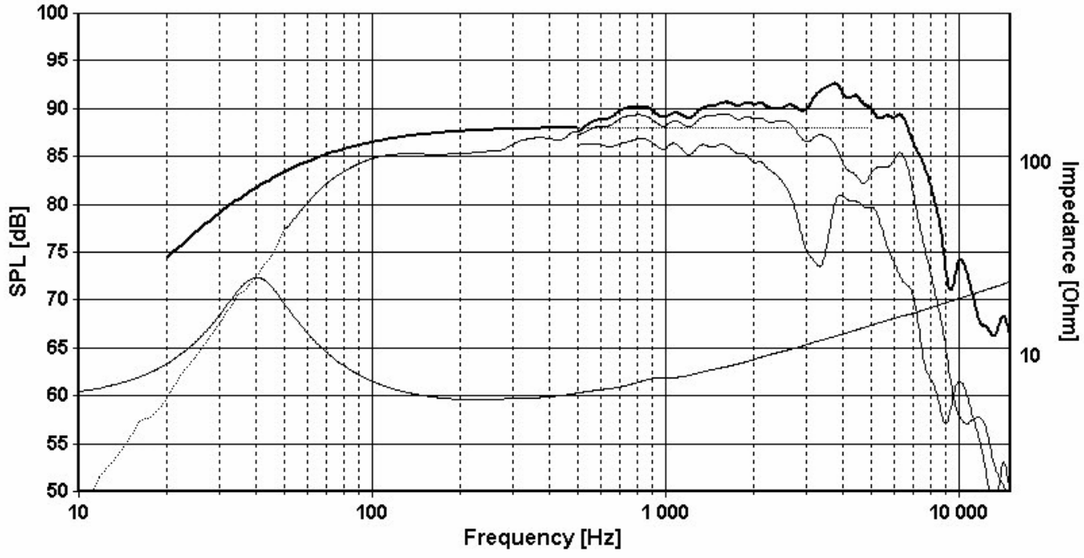
H1217

WOOFER CA18RLY





The frequency responses below show measured free field sound pressure in 0, 30, and 60 degrees angle using a closed box of 12 l net. volume. Input 2.83 Volts RMS, microphone distance 0.5m, normalized to 1m. The solid line below 500 Hz is a calculated response for an infinite baffle based on the parameters given for this specific driver. The impedance is measured in free air without baffle.



CA18RLY is a 6,5" High Fidelity cone driver, developed for use as a high quality woofer or woofer/midrange unit.
The classical coated paper cone gives a smooth extended frequency response with a controlled roll off.
A high temperature, light weight, CCAW voice coil wound on an aluminium voice coil former gives a high power handling capacity. The extremely stiff and stable injection moulded metal basket, keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonance to a minimum.The large magnet system provides high efficiency and low Q.

NOMINAL IMPEDANCE	8	Ohms	VOICE COIL RESISTANCE	5.9	Ohms
RECOMMENDED FREQUENCY RANGE	35-2500	Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.70	mH
SHORT TERM MAXIMUM POWER *	250	W	FORCE FACTOR	5.6	N/A
LONG TERM MAXIMUM POWER *	80	W	FREE AIR RESONANCE	40	Hz
CHARACTERISTIC SENSITIVITY (1W,1m)	88.0	dB SPL	MOVING MASS	11.45	g
			AIR LOAD MASS IN IEC BAFFLE	0.86	g
			SUSPENSION COMPLIANCE	1.3	mm/N
VOICE COIL DIAMETER	26	mm	SUSPENSION MECHANICAL RESISTANCE	1.59	Ns/m
VOICE COIL HEIGHT	16	mm	EFFECTIVE PISTON AREA	130	sq.cm
AIR GAP HEIGHT	6.0	mm			
LINEAR COIL TRAVEL (p-p)	10.0	mm			
MAXIMUM COIL TRAVEL (p-p)	20	mm	VAS	30.0 Litres	
MAGNETIC GAP FLUX DENSITY	1.25	T	QMS	1.94	
MAGNET WEIGHT	0.42	Kg	QES	0.58	
TOTAL WEIGHT	1.41	Kg	QTS	0.45	

* = IEC 268-5

NOTES