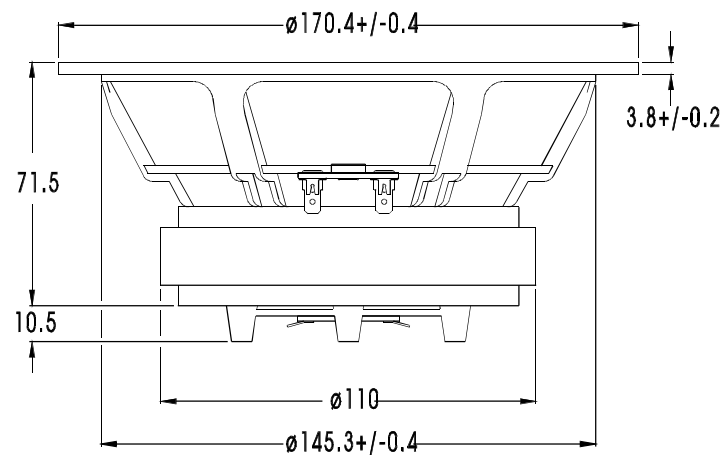
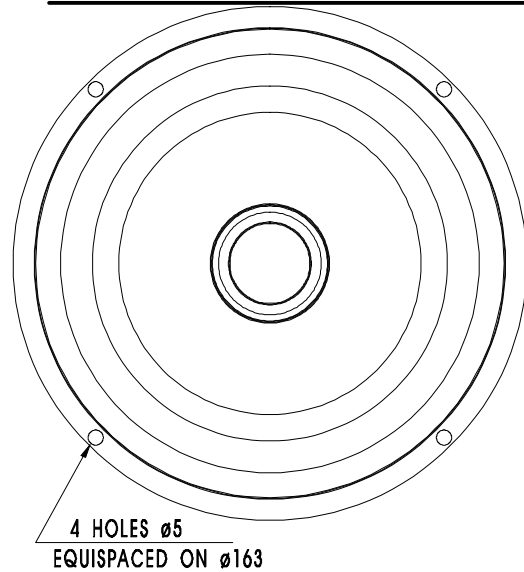


Response curve recorded in anechoic chamber (Free-field, 4 pi radiation) with 0.5m microphone distance. The loudspeaker is mounted in a closed box of 12 l net volume.

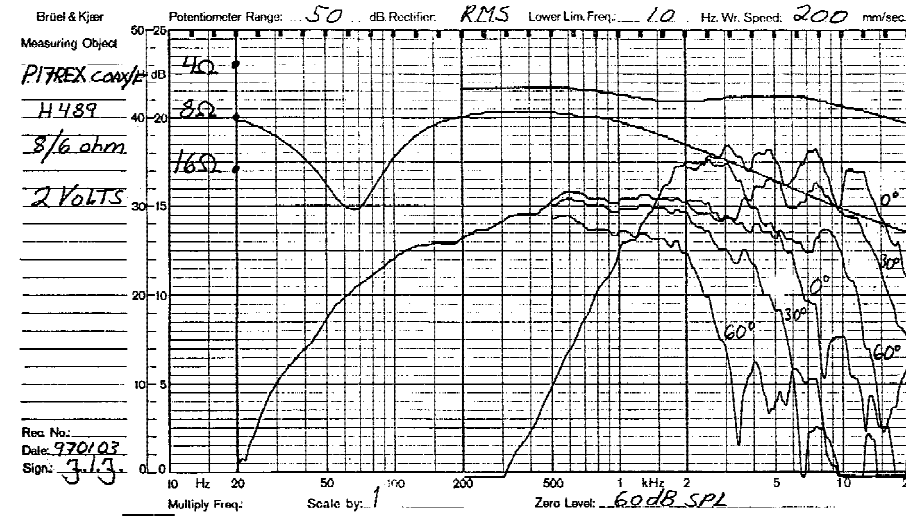
### COAXIAL

### P17REX/XF



P17REX/XF is a coaxial and time-coherent arrangement of our woofer P17REX/P and a precoated fabric dome high frequency unit, based on 25TFFN/G. The cone of the woofer acts as a horn loading for the tweeter, and the chassis of the dome unit represents the throat of this horn. Unlike most traditional coaxial loudspeakers, this arrangement has two advantages: The two drive units have identical acoustic centers, and their directivities in the crossover frequency region are practically identical. Thus, it is possible to build a full range Hi Fi system with a symmetrical and stable radiation pattern, combined with a smooth energy response.

#### NOTES



#### TECHNICAL DATA DOME TWEETER.

NOMINAL IMPEDANCE	6 Ohms	VOICE COIL RESISTANCE	4.8 Ohms
RECOMMENDED FREQUENCY RANGE	3000-25000 Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.05 mH
SHORT TERM MAXIMUM POWER *	220 W	VOICE COIL DIAMETER	26 mm
LONG TERM MAXIMUM POWER *	90 W	VOICE COIL HEIGHT	1.5 mm
CHARACTERISTIC SENSITIVITY (1W, 1m)	89 dB SPL	MOVING MASS	0.3 g
		EFFECTIVE PISTON AREA	7.0 sq.cm
		LINEAR COIL TRAVEL (p-p)	0.5 mm
AIR GAP HEIGHT	2.0 mm	FREE AIR RESONANCE	1800 Hz
MAGNETIC GAP FLUX DENSITY	1.3 T		
FORCE FACTOR	2.45 N/A		

\* IEC 268-5. VIA HIGH PASS BUTTERWORTH FILTER : 3500 Hz, 12 dB/oct

#### TECHNICAL DATA CONE DRIVER

NOMINAL IMPEDANCE	8 Ohms	VOICE COIL RESISTANCE	6.1 Ohms
RECOMMENDED FREQUENCY RANGE	40-3000 Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.6 mH
SHORT TERM MAXIMUM POWER *	250 W	FORCE FACTOR	8.5 N/A
LONG TERM MAXIMUM POWER *	100 W	FREE AIR RESONANCE	35 Hz
CHARACTERISTIC SENSITIVITY (1W, 1m)	89 dB SPL	MOVING MASS	14.5 g
		AIR LOAD MASS IN IEC BAFFLE	1.0 g
		SUSPENSION COMPLIANCE	1.4 mm/N
VOICE COIL DIAMETER	39 mm	SUSPENSION MECHANICAL RESISTANCE	2.0 Ns/m
VOICE COIL HEIGHT	12 mm	EFFECTIVE PISTON AREA	120 sq.cm
AIR GAP HEIGHT	6.0 mm		
LINEAR COIL TRAVEL (p-p)	6.0 mm	VAS	26.9 Litres
MAXIMUM COIL TRAVEL (p-p)	19 mm	QMS	1.70
		QES	0.29
MAGNETIC GAP FLUX DENSITY	1.0 T	QTS	0.25
MAGNET WEIGHT	0.64 Kg		
TOTAL WEIGHT	1.85 Kg		

\* = IEC 268-5