



# CA 17 RCY

## CA 17 RCY, 6½" High Fidelity woofer

*Chassis: magnesium, injection moulded, black.*

*Surround: rubber.*

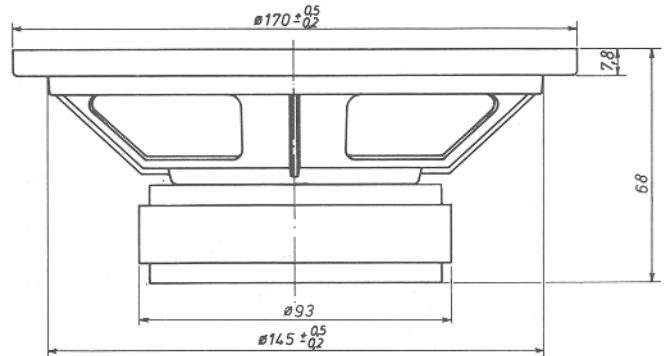
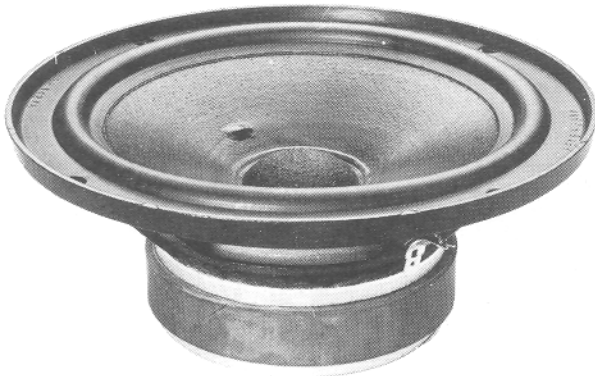
*Cone: paper, coated.*

*Dust Cap: textile, coated.*

*Mounting holes: 4 x 5 mm, equispaced on PCD 156 mm*

The CA 17 RCY is a 6½" woofer utilizing a selected paper cone and rubber surround. The unit has a smooth accurate performance which extends to 4000 Hz. The special treatment of the cone also produces a well behaved roll off characteristic which simplifies cross over design. The treatment of the cone reduces potential resonance problems.

The extra large magnet provides extra sensitivity and low Q.



### Technical data:

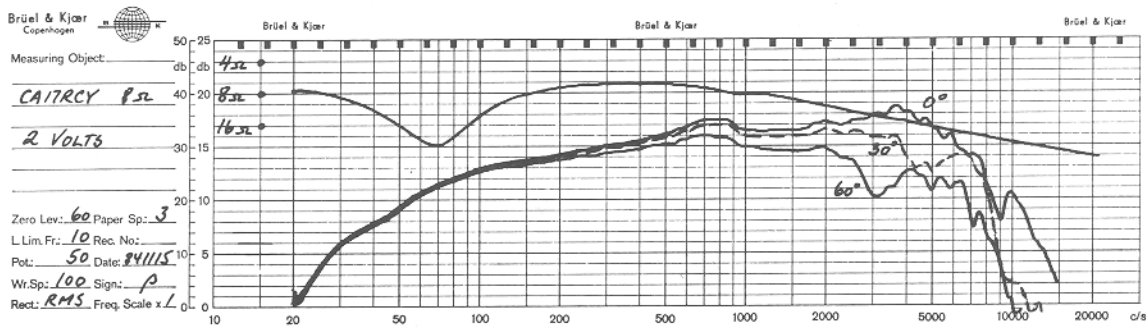
**8 ohms**

Recommended frequency range	40 - 4000	Hz	Voice coil inductance	1,1	mH
Nominal power (DIN 45573)	40	W	Voice coil resistance	5,7	ohms
Music power (DIN 45 500)	50	W	Effective diaphragm area	140	cm <sup>2</sup>
Characteristic sensitivity (lm, lw)	91	dB SPL	Moving mass	10	g
Operating power (DIN 45500)	3,2	W	Air load mass in baffle	1	g
Voice coil diameter	26	mm	Free air resonance	37	Hz
Voice coil height	12	mm	Mechanical suspension resistance	1,5	Ns/m
Air gap height	6	mm	Thiele - small parameters		
Flux density	1,25	T	Vas	46	litres
Force factor	7,0	Wb/m	Qms	1,7	
Recommended enclosure volumes:			Qes	0,30	
Closed cabinet	7 - 18	litres	Qts	0,25	
Bass reflex cabinet	10 - 20	litres			
Weight	1,1	kg			
Magnet weight	0,42	kg			

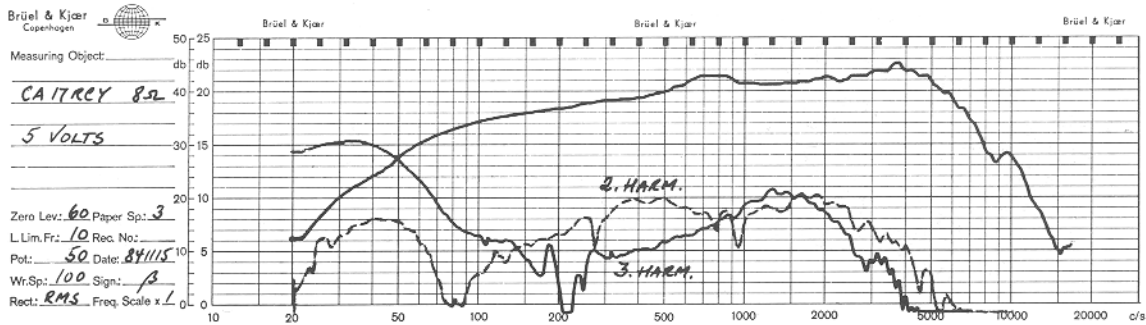
### NOTES:

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

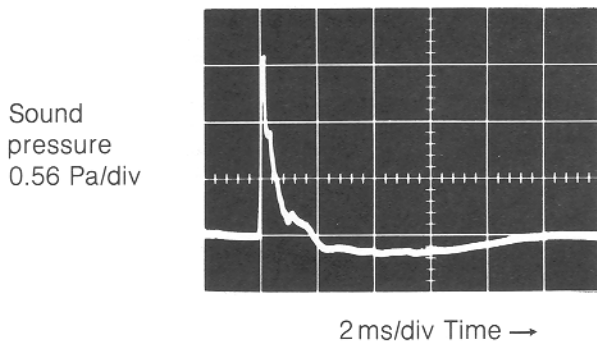
A Sound pressure on and off axis, and impedance:



B Sound pressure and distortion on axis. The distortion components are raised by 20 dB:



C Sound pressure response to 4 Volts step function:



Seas Fabrikker a.s  
P.O.Box 600, Høyden, N-1501 Moss, Norway  
Phone + 47-32-65 811  
Telex N 18419

Note: New telex no. 78419 SEAS N from June 20. 1985