



# 25 F-WB

## 25 F-WB, 10" High Fidelity woofer.

Chassis: magnesium, injection moulded, black.

Surround: foam.

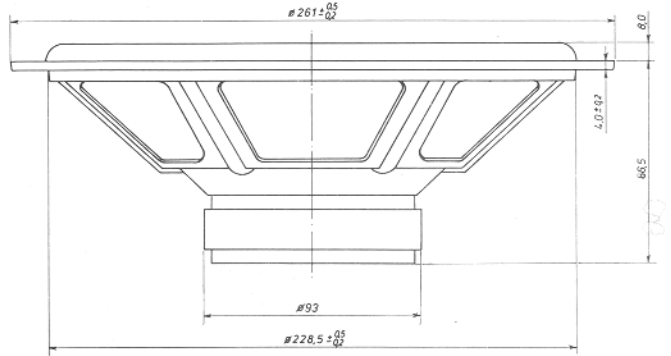
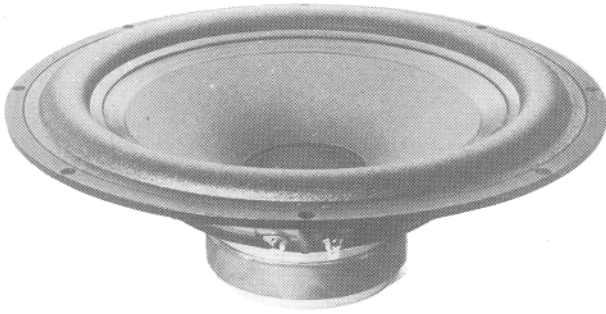
Cone: paper, edge coated.

Dust Cap: paper.

Mounting holes: 8 x 5 mm, equispaced on PCD 253 mm

The 25 F-WB is a high efficiency woofer with paper cone and foam surround. Due to the specially designed magnet system this unit has a very low distortion level.

The power handling capacity is high, and its capability of handling large peaks in the bass region with no strain, is amazing.



**Technical data:**

**8 ohms**

Recommended frequency range	40 - 3000	Hz	Voice coil inductance	1,2	mH
Nominal power (DIN 45573)	60	W	Voice coil resistance	6,0	ohms
Music power (DIN 45 500)	100	W	Effective diaphragm area	350	cm <sup>2</sup>
Characteristic sensitivity (1m, 1w)	93	dB SPL	Moving mass	22	g
Operating power (DIN 45500)	2,0	W	Air load mass in baffle	4	g
Voice coil diameter	39	mm	Free air resonance	35	Hz
Voice coil height	14	mm	Mechanical suspension resistance	2,0	Ns/m
Air gap height	6	mm	Thiele - small parameters		
Flux density	0,85	T	Vas	140	litres
Force factor	7,0	Wb/m	Qms	2,9	
Recommended enclosure volumes:			Qes	0,70	
Closed cabinet	25 - 40	litres	Qts	0,56	
Bass reflex cabinet	-	litres			
Weight	1,3	kg			
Magnet weight	0,42	kg			

**NOTES:**

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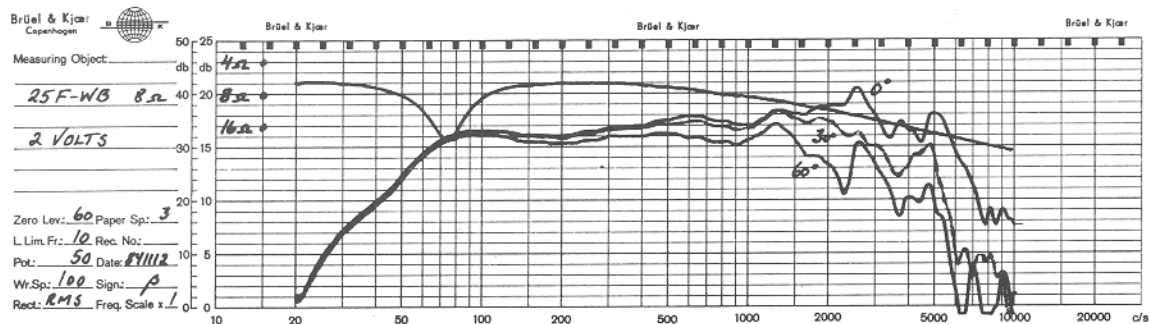
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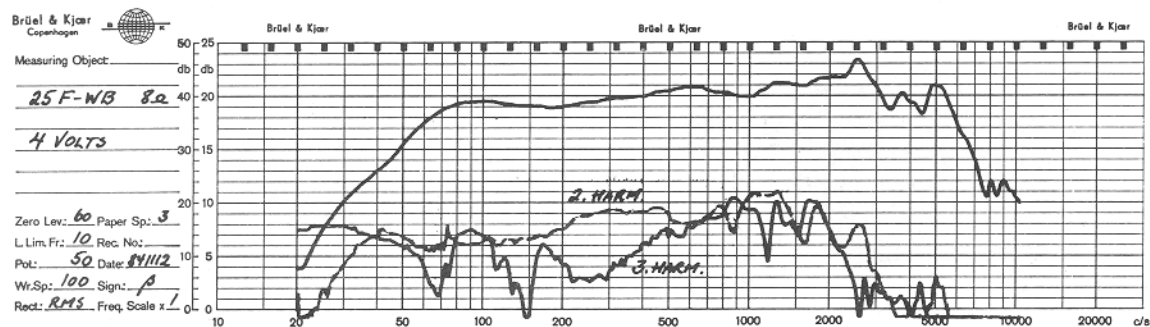
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Response curves recorded in anechoic chamber (Free-Field,  $4\pi$ -radiation) with 0.5 m microphone distance. The loudspeaker is mounted in a closed box of 28 l net volume:

A Sound pressure on and off axis, and impedance:

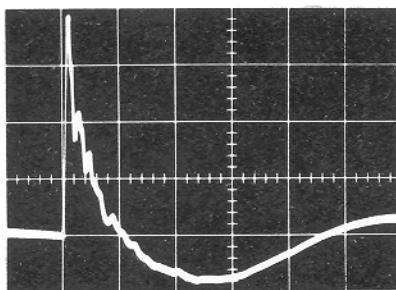


B Sound pressure and distortion on axis. The distortion components are raised by 20 dB:



C Sound pressure response to 4 Volts step function:

Sound pressure  
0.56 Pa/div



2 ms/div Time →



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