

5 INCH HIGH POWER WOOFER LOUDSPEAKER

APPLICATION

For high quality reproduction in sealed acoustic enclosures. Maximum enclosure volume 3 litres.
Maximum recommended cross-over frequency 5000 Hz.

TECHNICAL DATA

	version	
	W4	W8
Rated impedance	4	8 Ω
Voice coil resistance	3,4	7 Ω
Rated frequency range	75 to 13 000 Hz	
Resonance frequency	60	Hz
Power handling capacity, mounted in 3 l sealed enclosure	10	W
Operating power for 90 dB sound level	2	W
Sweep voltage, frequency range: 40 to 4000 Hz	2,8	4,2 V
Energy in air gap	140	mJ
Flux density	0,93	T
Air-gap height	5	mm
Voice coil height	6,8	mm
Core diameter	25	mm
Magnet material	ceramic	
diameter	72	mm
mass	0,23	kg
Mass of loudspeaker	0,7	kg

The loudspeaker has a paper cone and a rubber surround. Connection to the loudspeaker by means of 2,8 mm (0,11 inch) tag connectors or by soldering.

Dimensions in mm

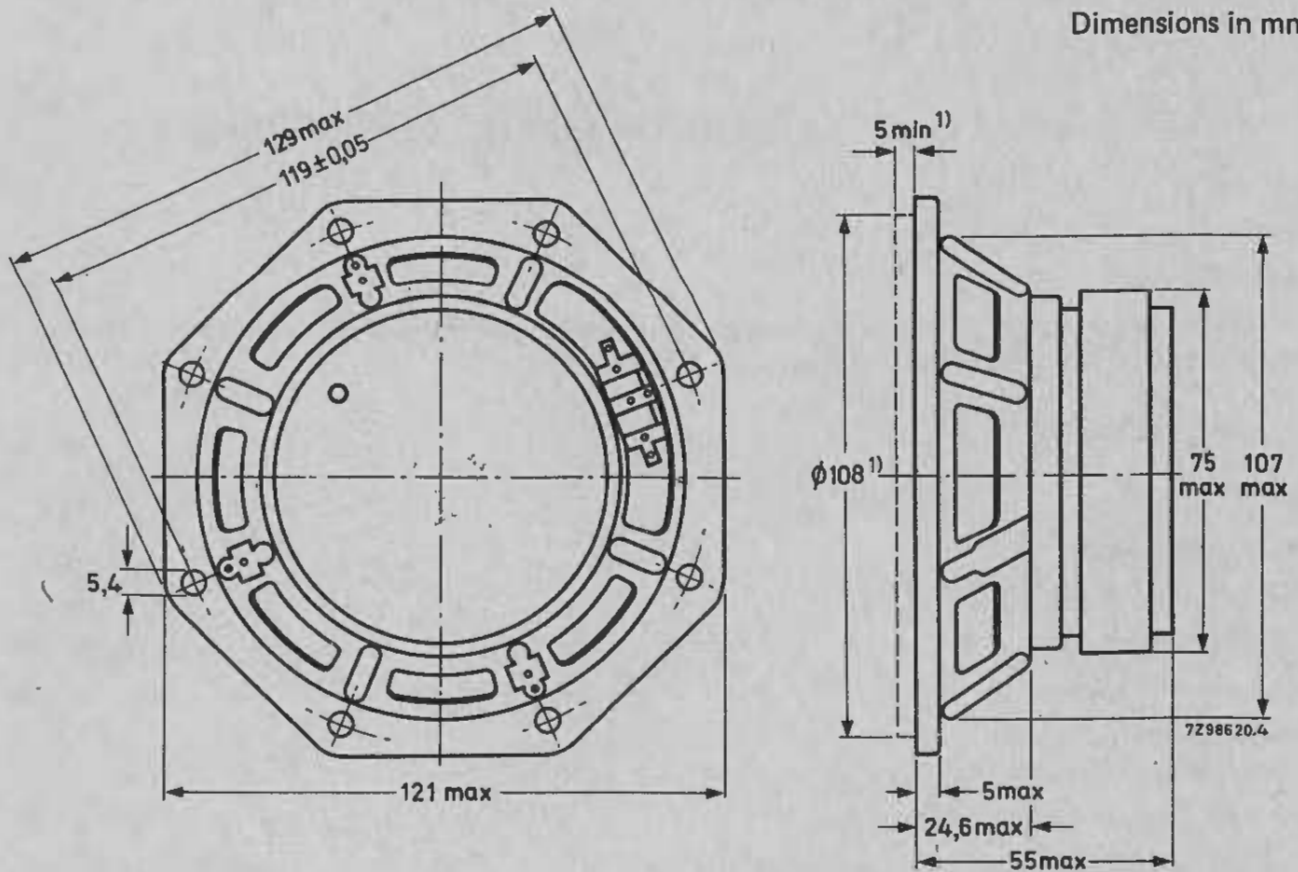


Fig. 1.

(1) Baffle hole and clearance depth required for cone movement at the specified power handling capacity.

One tag is indicated by a red mark for in-phase connection.

AVAILABLE VERSIONS

AD5060/W4, catalogue number 2422 257 353.1

AD5060/W8, catalogue number 2422 257 353.2

(0 = stamped on loudspeaker magnet,
not to be used for ordering)

2 = for bulk packing*

6 = for single unit packing

FREQUENCY RESPONSE CURVES

Curve a: Sound pressure measured in anechoic room at input power of 2 W. Loudspeaker mounted in sealed 3 l enclosure.

Curves d2 and d3: 2nd and 3rd harmonic distortion, measured at input power of 2 W in anechoic room, loudspeaker mounted in 3 l enclosure.

* Minimum packing quantity 8 per unit.

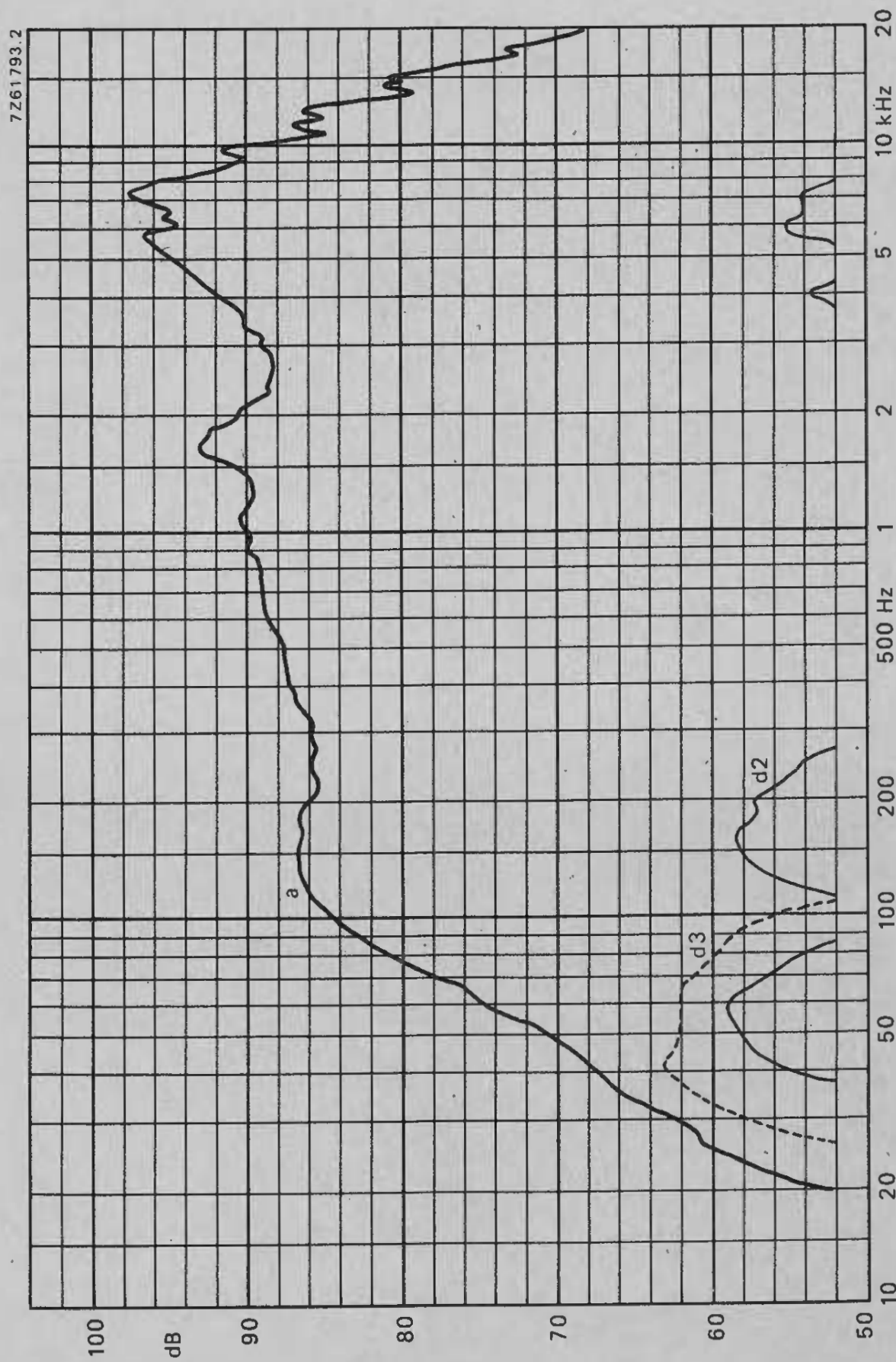


Fig. 2.