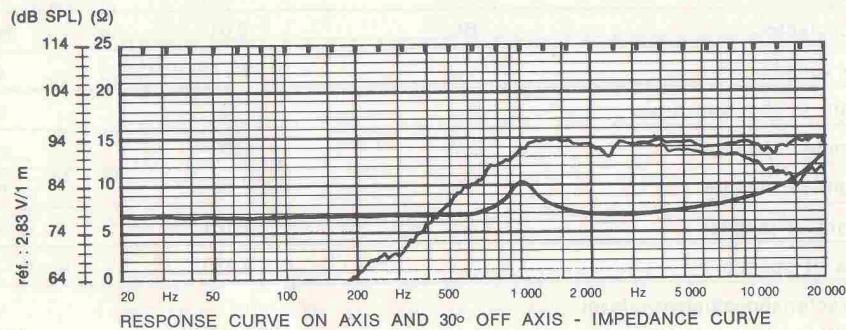
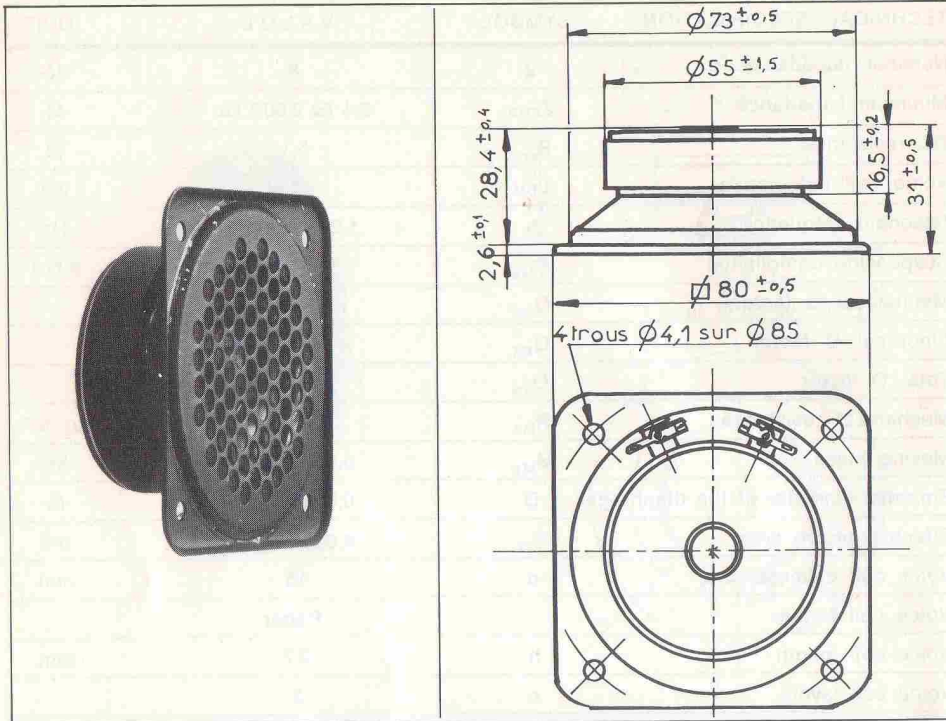


# TW 8 B

5 cm - 2"

SUPER TWEETER



# TW 8 B

5 cm - 2"

Aluminium cone tweeter. Its exponential cone 50 μ thick, ensures excellent reproduction with good linearity up to 40 kHz.

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z <sub>min</sub>	7,9 @ 2 000 Hz	Ω
DC resistance	R <sub>sec</sub>	5,5	Ω
Voice coil inductance	L <sub>BM</sub>	170	μH
Resonant frequency	f <sub>s</sub>	1 000 ± 150	Hz
Suspension compliance	C <sub>MS</sub>		mN <sup>-1</sup>
Mechanical Q factor	Q <sub>MS</sub>		
Electrical Q factor	Q <sub>ES</sub>		
Total Q factor	Q <sub>TS</sub>		
Mechanical resistance	R <sub>MS</sub>		kg s <sup>-1</sup>
Moving mass	M <sub>MD</sub>	0,550 . 10 <sup>-3</sup>	kg
Emissive diameter of the diaphragm	D	0,053	m
Effective piston area	S <sub>D</sub>	0,0022	m <sup>2</sup>
Voice coil diameter	d	13,4	mm
Voice coil former		Paper	
Voice coil length	h	3,5	mm
Voice coil layers	n	2	
Flux density	B	1,25	T
Flux in the Gap	Ø	0,160 . 10 <sup>-3</sup>	Wb
Magnetic energy	W	0,037	Ws
Force factor	BL	3,0	NA <sup>-1</sup>
Gap volume	V <sub>E</sub>	0,059 . 10 <sup>-6</sup>	m <sup>3</sup>
Height of the Gap	H <sub>E</sub>	2,5	mm
Diameter of magnet	Ø A	5,5	mm
Height of magnet	B	12	mm
Weight of magnet		0,115	kg
Mass of speaker		0,265	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	92,7 (TW)	dB SPL
Nominal power handling		20/8 kHz	W
Acceleration factor	Γ	5454	ms <sup>-2</sup> A <sup>-1</sup>