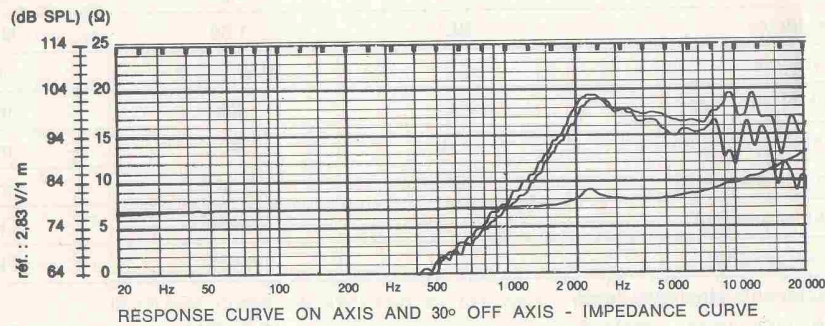
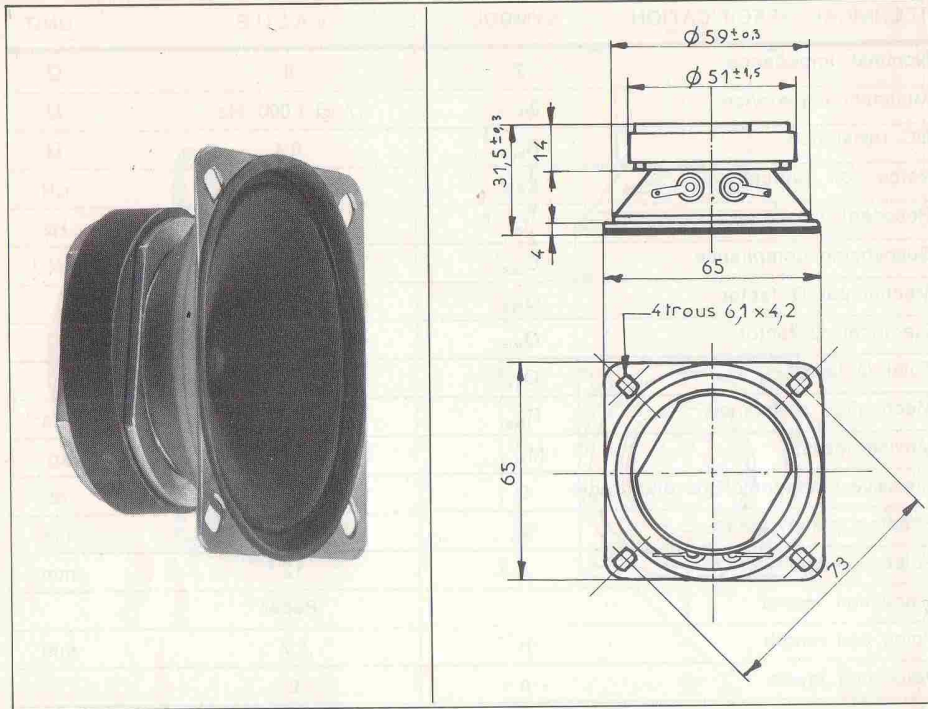


TW 6,5 BIM

6,5 cm - 2 1/2"

TWEETER



TW 6,5 BIM

6,5 cm - 2 1/2"

Paper cone tweeter. Competitive series.
The cavity is damped in order to provide smooth response and low distortion.

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z _{min}	7 @ 1 000 Hz	Ω
DC resistance	R _{sec}	6,6	Ω
Voice coil inductance	L _{BM}	102	μH
Resonant frequency	f _s	2 200 ± 330	Hz
Suspension compliance	C _{MS}		mN ⁻¹
Mechanical Q factor	Q _{MS}		
Electrical Q factor	Q _{ES}		
Total Q factor	Q _{TS}		
Mechanical resistance	R _{MS}		kg s ⁻¹
Moving mass	M _{MD}	0,400 · 10 ⁻³	kg
Emissive diameter of the diaphragm	D	0,054	m
Effective piston area	S _D	0,0023	m ²
Voice coil diameter	d	12	mm
Voice coil former		Paper	
Voice coil length	h	2,6	mm
Voice coil layers	n	2	
Flux density	B	1,08	T
Flux in the Gap	∅	0,011 · 10 ⁻⁴	Wb
Magnetic energy	W	0,032	Ws
Force factor	BL	1,74	NA ⁻¹
Gap volume	V _E	0,07 · 10 ⁻⁶	m ³
Height of the Gap	H _E	2,6	mm
Diameter of magnet	∅ A	51	mm
Height of magnet	B	9	mm
Weight of magnet		0,073	kg
Mass of speaker		0,170	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	96 (TW)	dB SPL
Nominal power handling		8 / 8 kHz	W
Acceleration factor	Γ	4350	ms ⁻² A ⁻¹