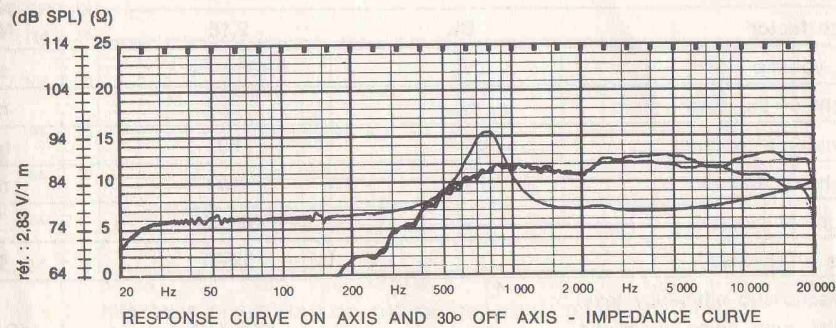
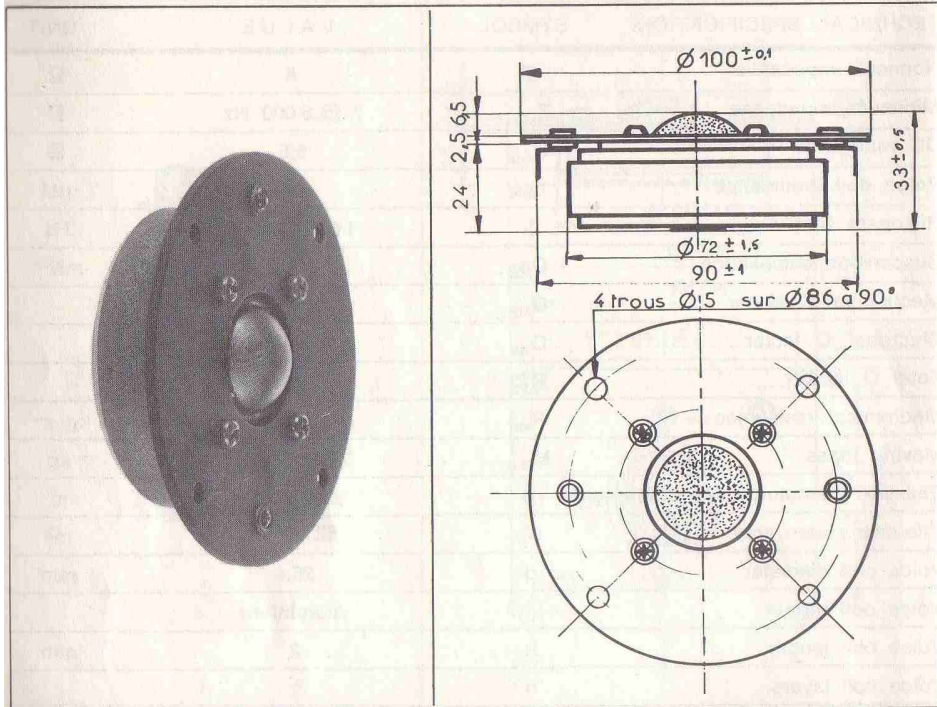


HD 100 D 25

25 mm - 1"
 DOME TWEETER



25 mm impregnated fabric soft dome. Perfect linearity coupled with absence of coloration accounts for its high reputation for reproducing natural sound. Also available with protection grill.

HD 100 D 25

25 mm - 1"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z _{min}	6,8 @ 4 000 Hz	Ω
DC resistance	R _{scc}	5,8	Ω
Voice coil inductance	L _{BM}	75	μH
Resonant frequency	f _s	800 ± 120	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}	0,325 . 10 ⁻³	kg
Emissive diameter of the diaphragm	D	0,028	m
Effective piston area	S _D	0,62 . 10 ⁻³	m ²
Voice coil diameter	d	25,4	mm
Voice coil former		Aluminium	
Voice coil length	h	3	mm
Voice coil layers	n	1	
Flux density	B	1,47	T
Flux in the Gap	∅	0,352 . 10 ⁻³	Wb
Magnetic energy	W	0,135	Ws
Force factor	BL	2,97	NA ⁻¹
Gap volume	V _E	0,157 . 10 ⁻⁶	m ³
Height of the Gap	H _E	3	mm
Diameter of magnet	∅ A	72	mm
Height of magnet	B	16	mm
Weight of magnet		0,240	kg
Mass of speaker		0,530	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	89 (TW)	dB SPL
Nominal power handling		50/5 kHz	W
Acceleration factor	Γ	9138	ms ⁻² A ⁻¹