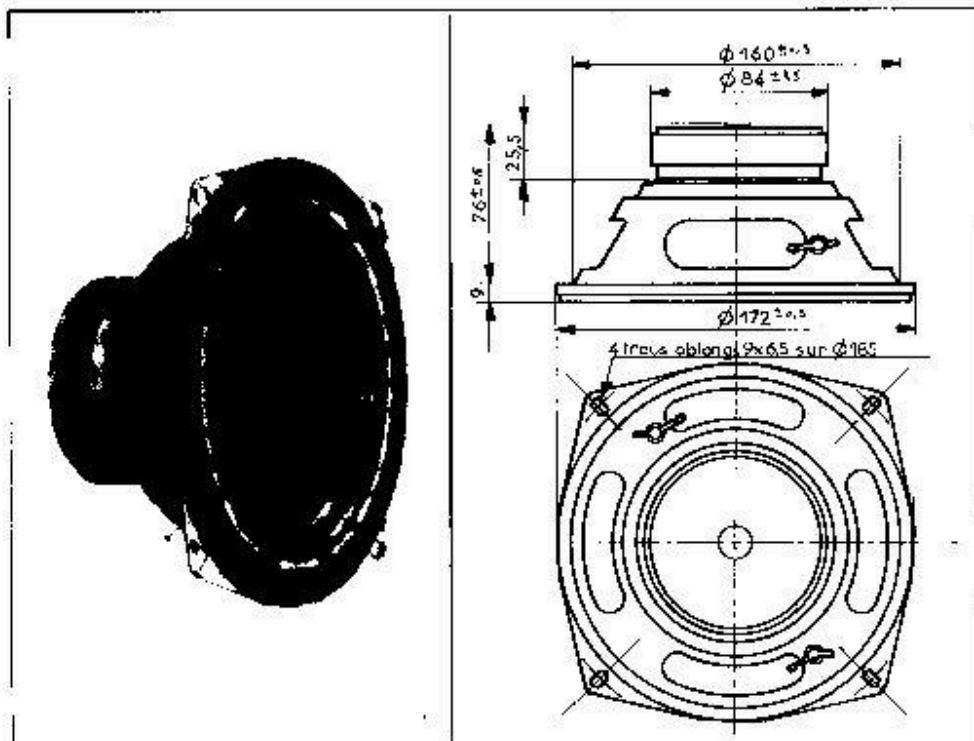


HIF 17 JS

17 cm - 6 1/2"

BASS MIDRANGE



Same use as HIF 17 FS.

HIF 17 JS

17 cm - 6 1/2"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z_{min}	8 @ 200 Hz	Ω
DC resistance	R_{DC}	6,5	Ω
Voice coil inductance	L_{MC}	700	μH
Resonant frequency	f_0	29 \pm 5	Hz
Suspension compliance	C_{MS}	1,7 \cdot 10 ⁻⁵	mN ⁻¹
Mechanical Q factor	Q_{MS}	2,48	
Electrical Q factor	Q_{ES}	0,55	
Total Q factor	Q_{TS}	0,45	
Mechanical resistance	R_{MS}	1,25	kg s ⁻¹
Moving mass	M_{MD}	17,58 \cdot 10 ⁻³	kg
Emissive diameter of the diaphragm	D	0,145	m
Effective piston area	S_D	0,0165	m ²
Voice coil diameter	d	25,5	mm
Voice coil former		Aluminium	
Voice coil length	h	12	mm
Voice coil layers	n	2	
Flux density	B	1,02	T
Flux in the Gap	\oint	0,490 \cdot 10 ⁻³	Wb
Magnetic energy	W	0,239	Ws
Force factor	BL	6,57	NA ⁻¹
Gap volume	V_g	0,590 \cdot 10 ⁻⁶	m ³
Height of the Gap	H_g	6	mm
Diameter of magnet	ϕA	84	mm
Height of magnet	B	15	mm
Weight of magnet		0,348	kg
Mass of speaker		1	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	86,6 (W)	dB SPL
Nominal power handling		30	W
Acceleration factor	Γ	380	ms ⁻² A ⁻¹

