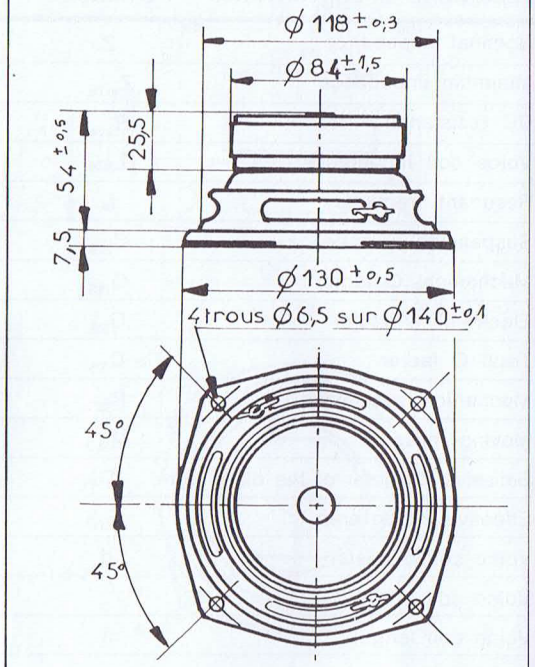
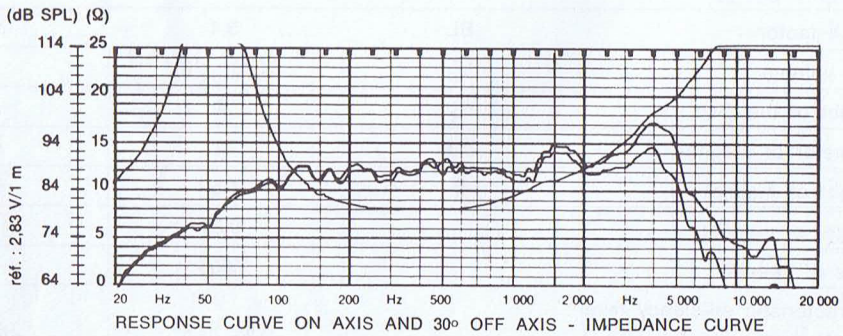
HIF 13 JSM 2 CA12

13 cm - 5”

BASS MIDRANGE





RESPONSE CURVE ON AXIS AND 30° OFF AXIS - IMPEDANCE CURVE

Same specifications as HIF 13 FSM.
Also available with cosmetic ring.
Ref.: HIF 13 JSMC - 2 CA 12.

HIF 13 JSM 2 CA12

13 cm - 5”

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z_{min}	8 @ 300 Hz	Ω
DC resistance	R_{scc}	6,7	Ω
Voice coil inductance	L_{BM}	700	µH
Resonant frequency	f_s	50 ± 8	Hz
Suspension compliance	C_{MS}	$1,6 \cdot 10^{-3}$	mN^{-1}
Mechanical Q factor	Q_{MS}	2,81	
Electrical Q factor	Q_{ES}	0,34	
Total Q factor	Q_{TS}	0,31	
Mechanical resistance	R_{MS}	0,70	$kg\ s^{-1}$
Moving mass	M_{MD}	$6,0 \cdot 10^{-3}$	kg
Emissive diameter of the diaphragm	D	0,108	m
Effective piston area	S_D	0,0091	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	Ø	$0,490 \cdot 10^{-3}$	Wb
Magnetic energy	W	0,239	Ws
Force factor	BL	6,67	NA^{-1}
Gap volume	V_E	$0,590 \cdot 10^{-6}$	m^3
Height of the Gap	H_E	6	mm
Diameter of magnet	Ø A	84	mm
Height of magnet	B	15	mm
Weight of magnet		0,348	kg
Mass of speaker		0,91	kg
Characteristic efficiency level : 1 W, pink noise, weighted	η	88,2 (W)	dB SPL
Nominal power handling		30	W
Acceleration factor	Γ	1111	$ms^{-2}\ A^{-1}$