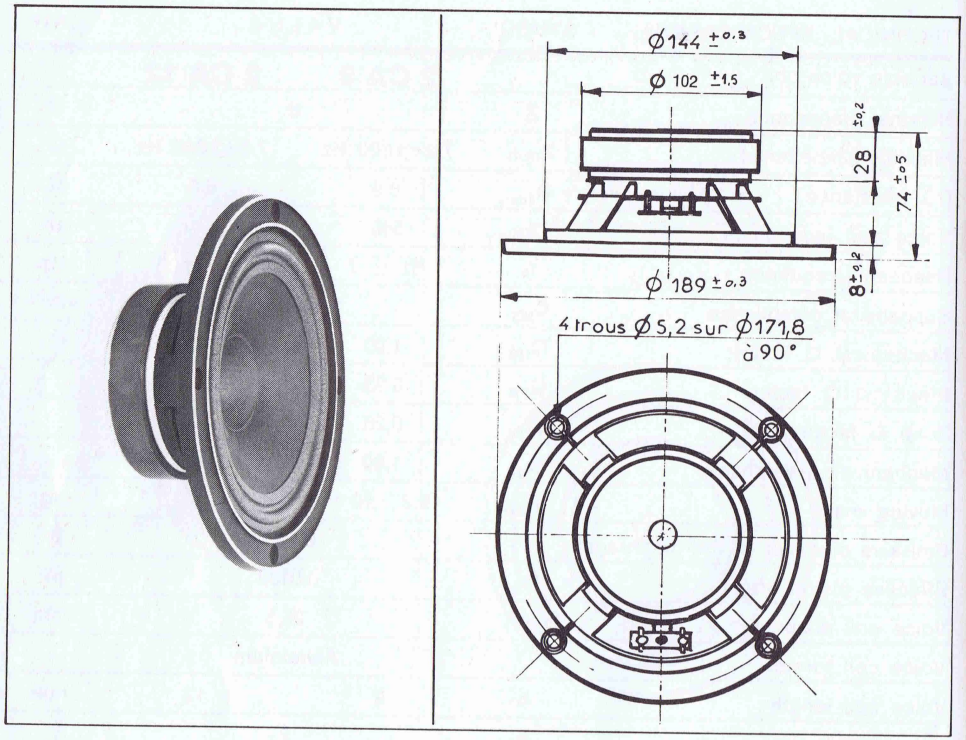
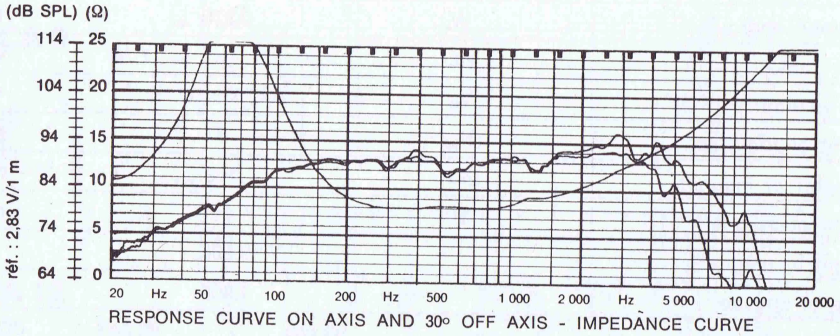
MHD 17 P 37 RSM 2 CA 12

17 cm - 6 1/2"

BASS MIDRANGE





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

Same characteristics as MHD 17 P 25 FSM - 2 CA 9.
1 1/2" voice coil for higher power handling.

MHD 17 P 37 RSM 2CA 12

17 cm - 6 1/2"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z_{min}	8 @ 300 Hz	Ω
DC resistance	R_{scc}	6,9	Ω
Voice coil inductance	L_{BM}	700	µH
Resonant frequency	f_s	46,5 ± 6	Hz
Suspension compliance	C_{MS}	$9{,}30 \cdot 10^{-4}$	mN^{-1}
Mechanical Q factor	Q_{MS}	1,50	
Electrical Q factor	Q_{ES}	0,41	
Total Q factor	Q_{TS}	0,32	
Mechanical resistance	R_{MS}	2,44	$kg\ s^{-1}$
Moving mass	M_{MD}	$12{,}6 \cdot 10^{-3}$	kg
Emissive diameter of the diaphragm	D	0,130	m
Effective piston area	S_D	0,0132	m^2
Voice coil diameter	d	38,1	mm
Voice coil former		Aluminium	
Voice coil length	h	12	mm
Voice coil layers	n	2	
Flux density	B	1,20	T
Flux in the Gap	Ø	$0{,}720 \cdot 10^{-3}$	Wb
Magnetic energy	W	0,436	Ws
Force factor	BL	8,50	NA^{-1}
Gap volume	V_E	$0{,}761 \cdot 10^{-6}$	m^3
Height of the Gap	H_E	5	mm
Diameter of magnet	Ø A	102	mm
Height of magnet	B	18	mm
Weight of magnet		0,560	kg
Mass of speaker		1,370	kg
Characteristic efficiency level : 1 W, pink noise, weighted	η	92,3 (W)	dB SPL
Nominal power handling		40	W
Acceleration factor	Γ	675	$ms^{-2}\ A^{-1}$