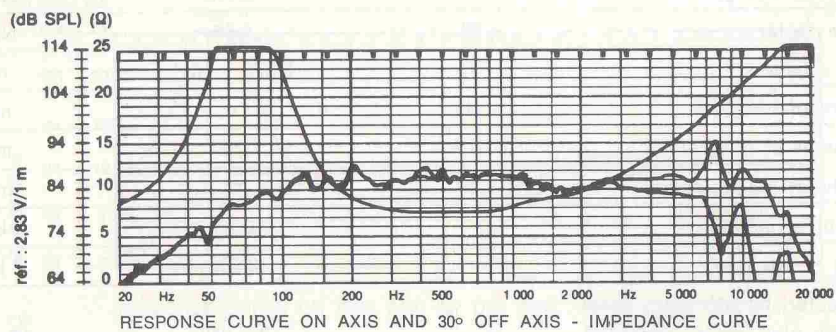
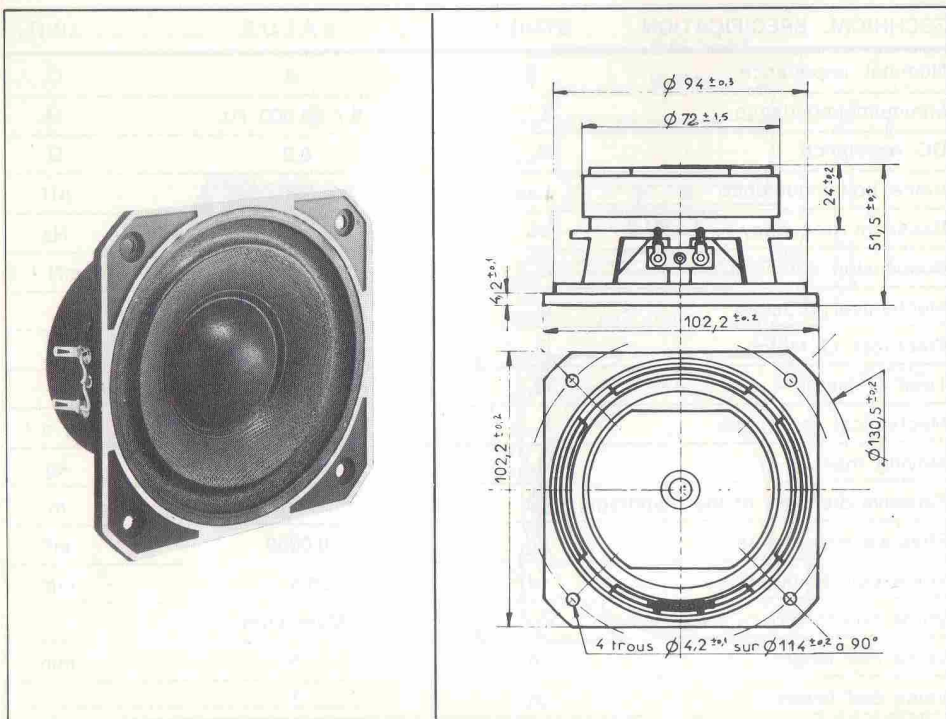


# MHD 10 P 25 FSM

10 cm - 4"

BASS MIDRANGE



Full range loudspeaker, high quality. Long cone excursion. Magnesium die cast chassis.

# MHD 10 P 25 FSM

10 cm - 4"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z <sub>min</sub>	7,5 @ 500 Hz	Ω
DC resistance	R <sub>sec</sub>	6,1	Ω
Voice coil inductance	L <sub>BM</sub>	340	μH
Resonant frequency	f <sub>s</sub>	61 ± 9	Hz
Suspension compliance	C <sub>MS</sub>	1,61 · 10 <sup>-3</sup>	mN <sup>-1</sup>
Mechanical Q factor	Q <sub>MS</sub>	2,14	
Electrical Q factor	Q <sub>ES</sub>	0,49	
Total Q factor	Q <sub>TS</sub>	0,40	
Mechanical resistance	R <sub>MS</sub>	0,75	kg s <sup>-1</sup>
Moving mass	M <sub>MD</sub>	4,2 · 10 <sup>-3</sup>	kg
Emissive diameter of the diaphragm	D	0,083	m
Effective piston area	S <sub>D</sub>	0,0054	m <sup>2</sup>
Voice coil diameter	d	25,5	mm
Voice coil former		Aluminium	
Voice coil length	h	5	mm
Voice coil layers	n	2	
Flux density	B	1,1	T
Flux in the Gap	Ø	0,352 · 10 <sup>-3</sup>	Wb
Magnetic energy	W	0,182	Ws
Force factor	BL	4,46	NA <sup>-1</sup>
Gap volume	V <sub>E</sub>	0,378 · 10 <sup>-6</sup>	m <sup>3</sup>
Height of the Gap	H <sub>E</sub>	4	mm
Diameter of magnet	Ø A	72	mm
Height of magnet	B	15	mm
Weight of magnet		0,25	kg
Mass of speaker		0,580	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	87 (W)	dB SPL
Nominal power handling		30	W
Acceleration factor	Γ	1062	ms <sup>-2</sup> A <sup>-1</sup>