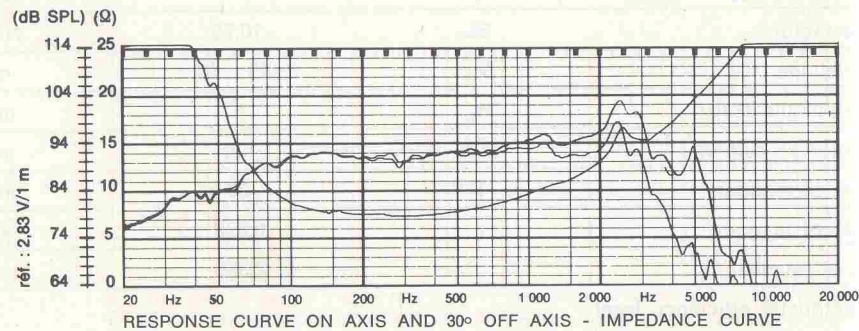
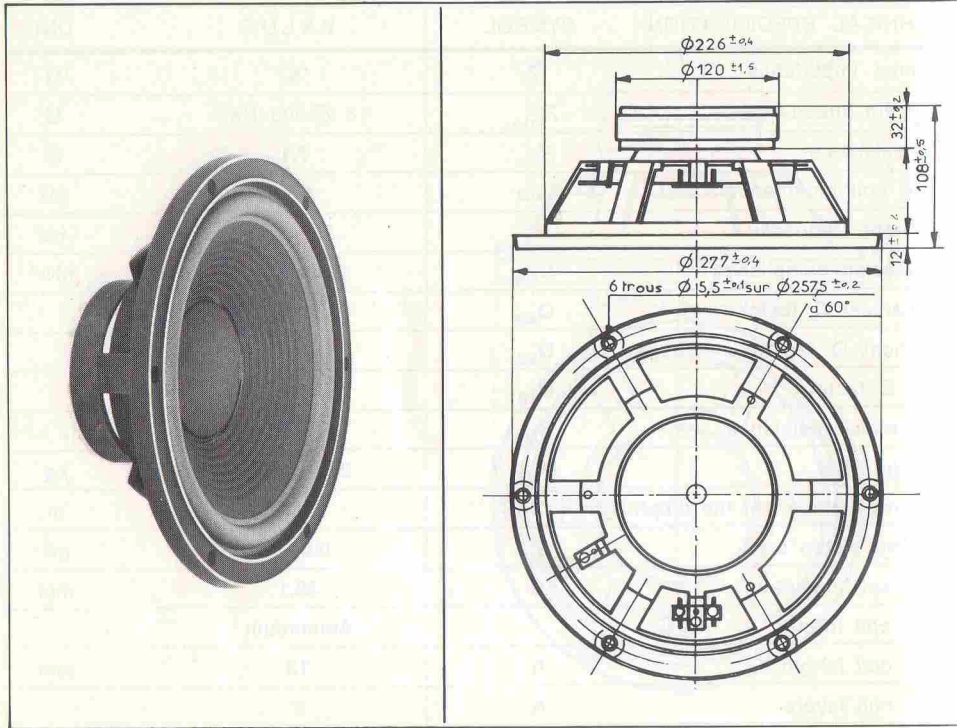


# MHD 24 P 45 TSM 2 CA 14

24 cm - 10"

BASS



Same specifications as MHD 24 P 25 JSM - 2 CA 9.  
2" voice coil for higher power handling.

# MHD 24 P 45 TSM 2 CA 14

24 cm - 10"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z <sub>min</sub>	7,3 @ 300 Hz	Ω
DC resistance	R <sub>sc</sub>	6,8	Ω
Voice coil inductance	L <sub>BM</sub>	860	μH
Resonant frequency	f <sub>s</sub>	26,7 ± 4	Hz
Suspension compliance	C <sub>MS</sub>	1,08 · 10 <sup>-3</sup>	mN <sup>-1</sup>
Mechanical Q factor	Q <sub>MS</sub>	1,90	
Electrical Q factor	Q <sub>ES</sub>	0,30	
Total Q factor	Q <sub>TS</sub>	0,26	
Mechanical resistance	R <sub>MS</sub>	2,82	kg s <sup>-1</sup>
Moving mass	M <sub>MD</sub>	32,6 · 10 <sup>-3</sup>	kg
Emissive diameter of the diaphragm	D	0,217	m
Effective piston area	S <sub>D</sub>	0,0370	m <sup>2</sup>
Voice coil diameter	d	46,3	mm
Voice coil former		Aluminium	
Voice coil length	h	14	mm
Voice coil layers	n	2	
Flux density	B	1,26	T
Flux in the Gap	∅	1,10 · 10 <sup>-3</sup>	Wb
Magnetic energy	W	0,812	Ws
Force factor	BL	11,40	NA <sup>-1</sup>
Gap volume	V <sub>E</sub>	1,286 · 10 <sup>-6</sup>	m <sup>3</sup>
Height of the Gap	H <sub>E</sub>	6	mm
Diameter of magnet	∅ A	120	mm
Height of magnet	B	20	mm
Weight of magnet		0,870	kg
Mass of speaker		2,430	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	92,7 (W)	dB SPL
Nominal power handling		90	W
Acceleration factor	Γ	350	ms <sup>-2</sup> A <sup>-1</sup>