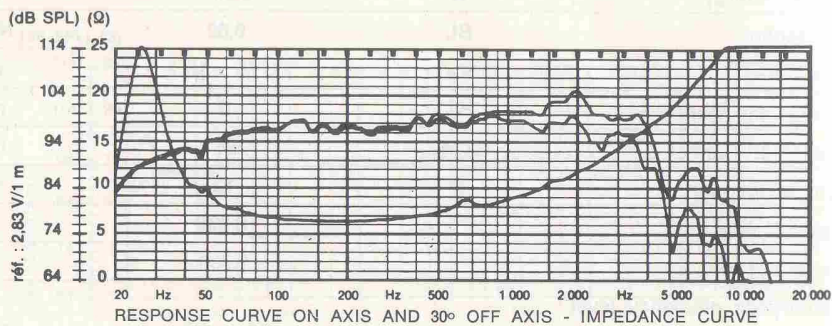
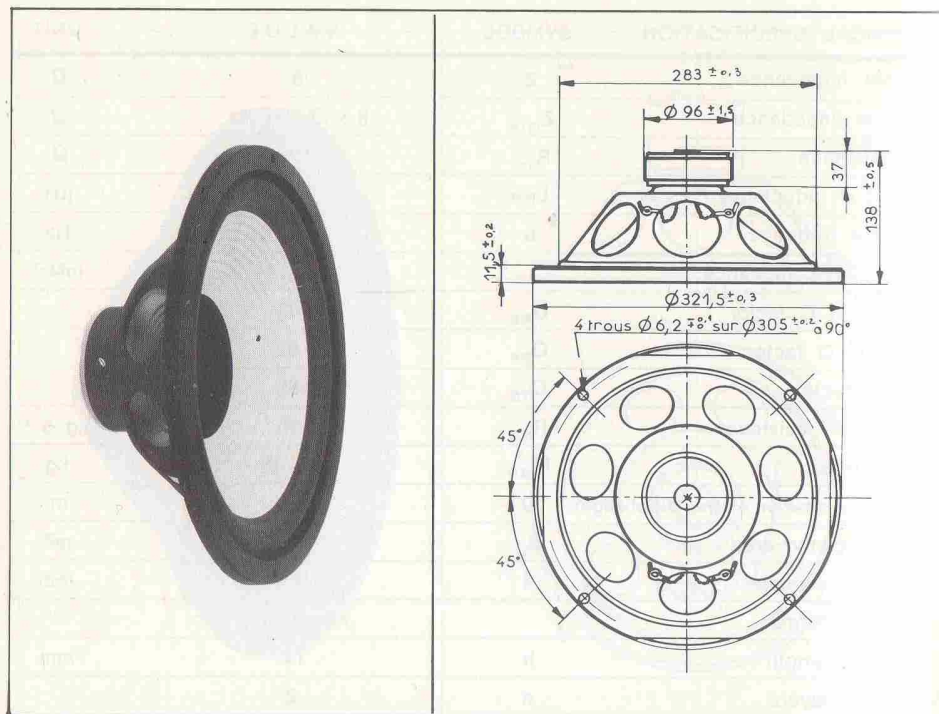


# HIF 30 HSM C 2 CA 14

30 cm - 12"

BASS



Same specifications as HIF 30 KSM C - 2 CA 14.  
Larger magnet for higher efficiency.

# HIF 30 HSM C 2 CA 14

30 cm - 12"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Nominal impedance	Z	8	Ω
Minimum impedance	Z <sub>min</sub>	6,3 @ 200 Hz	Ω
DC resistance	R <sub>sec</sub>	5,3	Ω
Voice coil inductance	L <sub>BM</sub>	870	μH
Resonant frequency	f <sub>s</sub>	19 ± 3	Hz
Suspension compliance	C <sub>MS</sub>	1,9 · 10 <sup>-3</sup>	mN <sup>-1</sup>
Mechanical Q factor	Q <sub>MS</sub>	4,43	
Electrical Q factor	Q <sub>ES</sub>	0,29	
Total Q factor	Q <sub>TS</sub>	0,27	
Mechanical resistance	R <sub>MS</sub>	0,98	kg s <sup>-1</sup>
Moving mass	M <sub>MD</sub>	36,2 · 10 <sup>-3</sup>	kg
Emissive diameter of the diaphragm	D	0,26	m
Effective piston area	S <sub>D</sub>	0,0530	m <sup>2</sup>
Voice coil diameter	d	34,6	mm
Voice coil former		Aluminium	
Voice coil length	h	14	mm
Voice coil layers	n	2	
Flux density	B	1,27	T
Flux in the Gap	∅	0,828 · 10 <sup>-3</sup>	Wb
Magnetic energy	W	0,489	Ws
Force factor	BL	9,61	NA <sup>-1</sup>
Gap volume	V <sub>E</sub>	0,762 · 10 <sup>-6</sup>	m <sup>3</sup>
Height of the Gap	H <sub>E</sub>	6	mm
Diameter of magnet	∅ A	96	mm
Height of magnet	B	25	mm
Weight of magnet		0,725	kg
Mass of speaker		2,2	kg
Characteristic efficiency level :			
1 W, pink noise, weighted	η	95 (W)	dB SPL
Nominal power handling		60	W
Acceleration factor	Γ	265	ms <sup>-2</sup> A <sup>-1</sup>