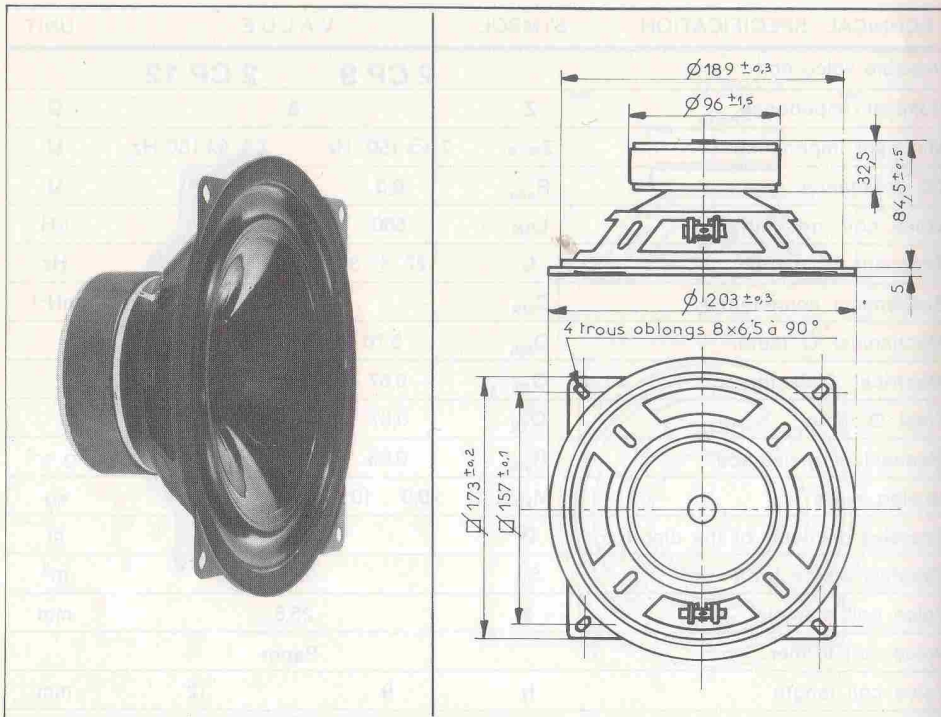


# HD 20 B 25 H

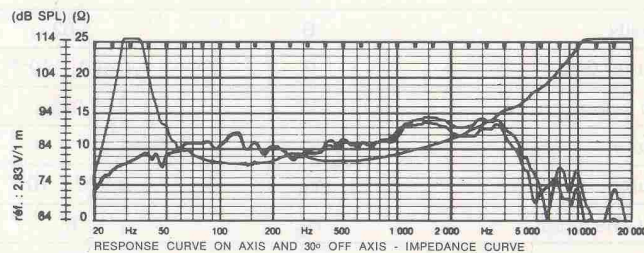
20 cm - 8"

BASS

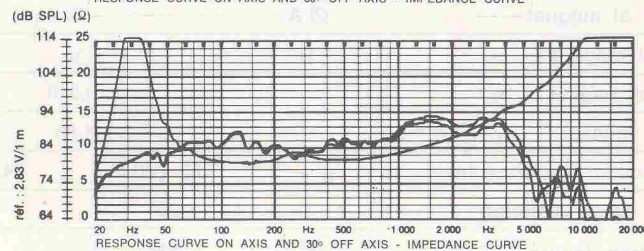


2 CP 9

Variable voice coil



2 CP 12



Same characteristics as HD 20 B 25 J 2 C 9.  
Larger magnet system for higher efficiency.

# HD 20 B 25 H

20 cm - 8"

TECHNICAL SPECIFICATION	SYMBOL	VALUE	UNIT
Variable voice coil		<b>2 CP 9</b> <b>2 CP 12</b>	
Nominal impedance	Z	8	Ω
Minimum impedance	Z <sub>min</sub>	6 @ 150 Hz    8 @ 150 Hz	Ω
DC resistance	R <sub>scc</sub>	6,3    6,9	Ω
Voice coil inductance	L <sub>BM</sub>	485    625	μH
Resonant frequency	f <sub>s</sub>	27 ± 4    26 ± 4	Hz
Suspension compliance	C <sub>MS</sub>	1,7 · 10 <sup>-3</sup>	mN <sup>-1</sup>
Mechanical Q factor	Q <sub>MS</sub>	4,21    4,04	
Electrical Q factor	Q <sub>ES</sub>	0,53    0,51	
Total Q factor	Q <sub>TS</sub>	0,47    0,45	
Mechanical resistance	R <sub>MS</sub>	0,96    0,82	kg s <sup>-1</sup>
Moving mass	M <sub>MD</sub>	20,9 · 10 <sup>-3</sup> 21,8 · 10 <sup>-3</sup>	kg
Emissive diameter of the diaphragm	D	0,16	m
Effective piston area	S <sub>D</sub>	0,020	m <sup>2</sup>
Voice coil diameter	d	25,5	mm
Voice coil former		Paper	
Voice coil length	h	9    12	mm
Voice coil layers	n	2	
Flux density	B	1,53	T
Flux in the Gap	∅	0,490 · 10 <sup>-3</sup>	Wb
Magnetic energy	W	0,368	Ws
Force factor	BL	7,10    7,32	NA <sup>-1</sup>
Gap volume	V <sub>E</sub>	0,395 · 10 <sup>-6</sup>	m <sup>3</sup>
Height of the Gap	H <sub>E</sub>	4	mm
Diameter of magnet	∅ A	96	mm
Height of magnet	B	25	mm
Weight of magnet		0,725	kg
Mass of speaker		1,45	kg
Characteristic efficiency level	η	88,2 (W)    86 (W)	dB SPL
Nominal power handling		25    30	W
Acceleration factor	Γ	340    336	ms <sup>-2</sup> A <sup>-1</sup>