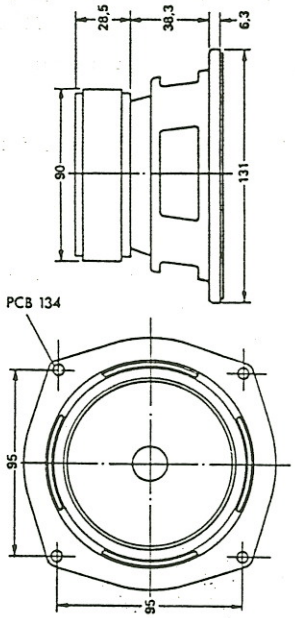
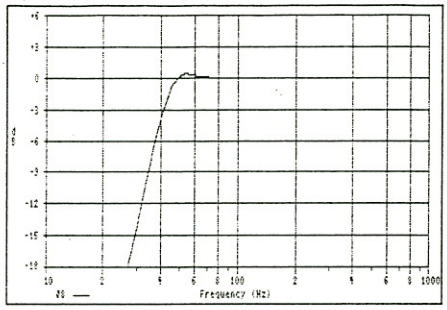
SOPHISTICATED LOUDSPEAKER TECHNOLOGY

GLASS-FIBRE WOOFER MIDRANGE 5-40/25 G



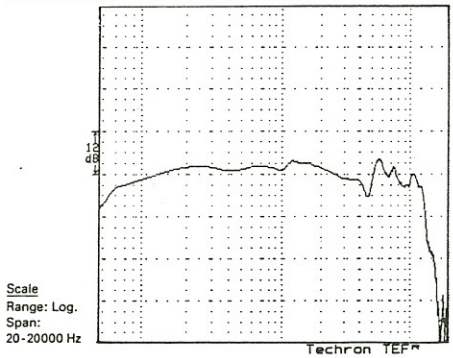
CAB. RESPONSE (ACC. T.&S.)



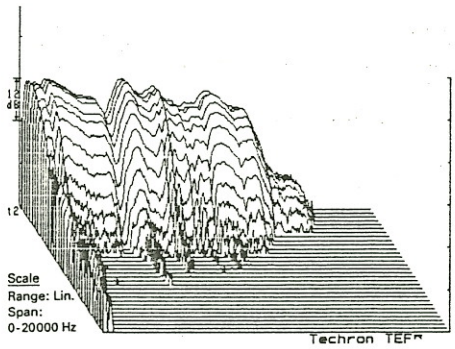
TECHNICAL DATA

5-40/25 G					
Nominal Diameter		131 mm	Voice-Coil Diameter		25,6 mm
Frequency-Range		50-4000 Hz	Voice-Coil Winding-Height		8 mm
Impedance	Z	8 Ω	Voice-Coil Former Material		Kapton
DC-Resistance	R_E	5,7 Ω	Voice-Coil Inductance		0,27 mH
Resonant Frequency	F_S	50 Hz	Flux-Density		1,2 T
Total Q-Factor	Q_{TS}	0,435	Magnet-Size		90 mm
Electrical Q-Factor	Q_{ES}	0,54	Air-Gap Height		6 mm
Mechanical Q-Factor	Q_{MS}	2,24	Linear Excursion	X_{max}	± 1,0 mm
Emissive Piston Area	S_D	80,11 cm²	Sensitivity		89 dB/W/m
Equivalent Air Volume	V_{AS}	10 l	Power Capacity, continuous		70 W
Compliance	C_{MS}	1,2 m/N	Power Capacity, 10 ms		500 W
Moving Mass	M_{MD}	8,5 g	Diaphragm Material		Glass-Fibre
Cabinet Suggestion	vented	13 l	Coating		yes

FREQUENCY RESPONSE

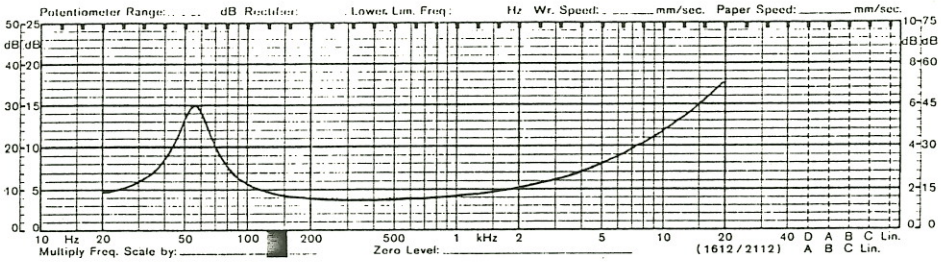


FFT 3D



The name 5-40/25 G determines a top class woofer/midrange. The diaphragm structure of glass-fibre, being less sophisticated than HEXACONE, provides quite a favourable ratio between price and performance. The same application purposes as for the 5-30/25 PP, i.e. small monitor speakers or the midrange part of a multiple way construction, are recommended.

Unter der Bezeichnung 5-40/25 G liefern wir einen Tiefmitteltöner der Spitzenklasse. Durch den gegenüber HEXACONE einfacheren Membranaufbau konnte ein überaus günstiges Preis-Leistungs-Verhältnis erreicht werden. Als Einsatzbereich sind wie beim 5-30/25 PP kleine Monitorlautsprecher oder die breitbandige Abdeckung des Grund- und Mitteltonbereichs denkbar.



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