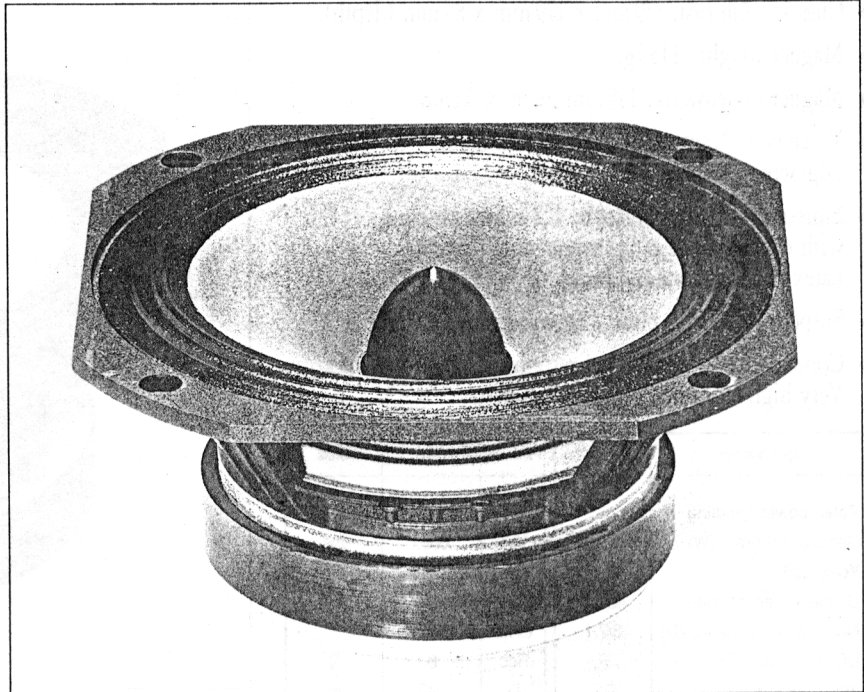
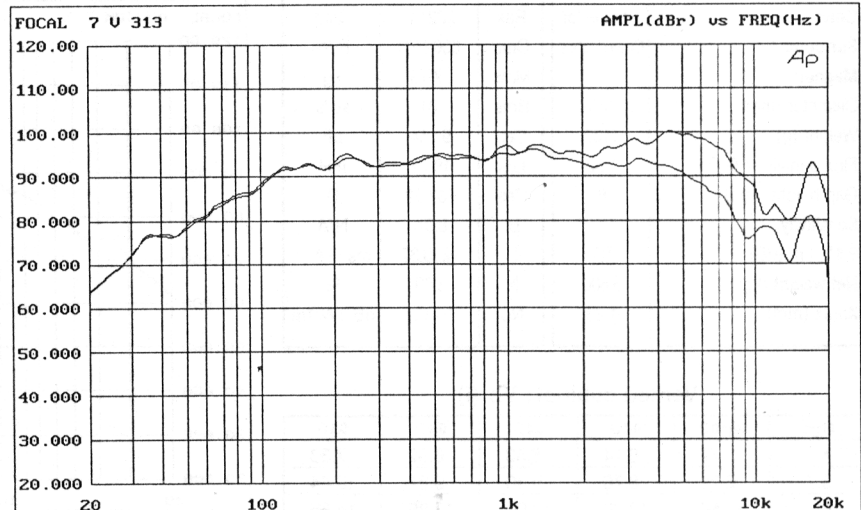


- ▶ Chassis : Alu cast. 179 mm x 179 mm x 84 mm (depth).
- ▶ Magnet weight : 890 g.
- ▶ Magnet dimensions : 120 mm diam. x 34 mm.
- ▶ Voice coil : Kapton® former, 40 mm diam. Edgewound alu flat wire.
- ▶ Emissive surface : Polyglass cone with coaxial phase plug semi exponential profile.
- ▶ Suspension : Multi pleats Latex-coated surround.
- ▶ Comment : High efficiency well controlled midrange for high definition high dynamics systems.



Specifications		Parameter	Value	Units
<b>Rated power handling</b>		Fs	94.82	Hz
Nominal/Program (W)	70/175	Vas	.0114	m <sup>3</sup>
<b>Voice coil</b>		Qts	.444	
Diameter/Length (mm)	40/6.5	Qes	.476	
Nom./Mini impedance (Ω)	8/6.8	Qms	6.716	
DC resistance (Ω)	6.4	Rcc	6.4	Ω
Inductance (mH)	0.2	D	.142	m
Former	Kapton®	Sd	.0158	m <sup>2</sup>
Layers	1	Cas	8.1 E-08	m <sup>5</sup> /N
Wire	Aluminium	Mas	34.59	kg/m <sup>4</sup>
<b>Cone</b>	Polyglass	Ras	3068.52	Ω.ac
<b>Surround</b>	Coated fabric	Cms	.0003248	m/N
<b>Magnet</b>		Mms	.0087	kg
Diameter (mm)	120	Rms	.77	kg/s
Weight (g)	876	Ces	124.76	μF
Flux density = B (T)	1.43	Les	22.58	mH
Gap height (mm)	6	Res	90.35	Ω
<b>Sensitivity</b>		Bl	8.34	N/A
2.8V/1m (dB)	96.5	Γ	961.24	ms <sup>-2</sup> A <sup>-1</sup>
<b>Net weight (kg)</b>	2.800	N	1.98	%
<b>Xmax (mm)</b>	1.23	No	94.96	dB/1W/1m

On axis and 30° off axis frequency response



Vented cabinet: Vb (l)

Align.	Rg: 0Ω	0.2Ω	0.4Ω	0.6Ω	0.8Ω
4	9.01	9.54	10.09	10.65	11.22
5.7	12.84	13.60	14.37	15.17	15.98
8	18.02	19.08	20.17	21.29	22.43

Vented cabinet: F-3 (Hz)

Align.	Rg: 0Ω	0.2Ω	0.4Ω	0.6Ω	0.8Ω
4	106.66	103.64	100.80	98.12	95.59
5.7	89.35	86.82	84.44	82.20	80.08
8	75.42	73.29	71.28	69.38	67.59

Vented cabinet: Fb (Hz)

	Rg: 0Ω	0.2Ω	0.4Ω	0.6Ω	0.8Ω
Fb	83.19	80.84	78.62	76.54	74.56

Sealed cabinet: Vb (l)

Damping	Rg: 0Ω	0.2Ω	0.4Ω	0.6Ω	0.8Ω
.5	42.97	58.54	87.60	160.84	696.05
.577	16.64	19.29	22.57	26.75	32.25
.707	7.45	8.21	9.05	9.99	11.04

Sealed cabinet: F-3 (Hz)

Damping	Rg: 0Ω	0.2Ω	0.4Ω	0.6Ω	0.8Ω
.5	165.73	161.04	156.62	152.46	148.53
.577	156.70	152.26	148.09	144.15	140.44
.707	150.84	146.57	142.55	138.77	135.19

Impedance magnitude and phase versus frequency

