

- ▶ 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. x 16.6 mm long voice coil. Edgewound copper flat wire.
- ▶ Emissive surface: Neoflex cone with Plastiflex coating, semi exponential profile.
- ▶ Suspension: Neoprene, large half roll positive surround.
- ▶ Comment: Long throw, high power. Small 2-way systems (151.). Also excellent as low-midrange.

Specifications		Parameter	Value	Units
Rated power handling		Fs	31.46	Hz
Nominal/Program (W)	125/200	Vas	.0524	m ³
Voice coil		Qts	.207	
Diameter/Length (mm)	40/16.6	Qes	.225	
Nom./Mini impedance (Ω)	10/8.7	Qms	2.611	
DC resistance (Ω)	7.8	Rcc	7.8	Ω
Inductance (mH)	0.95	D	.144	m
Former	Kapton®	Sd	.0163	m ²
Layers	1	Cas	3.73 E-07	m ⁵ /N
Wire	Copper	Mas	68.57	kg/m ⁴
Cone	Neoflex	Ras	5191.04	Ω.ac
Surround	Rubber	Cms	.0014069	m/N
Magnet		Mms	.0182	kg
Diameter (mm)	120	Rms	1.38	kg/s
Weight (g)	876	Ces	145.87	μF
Flux density = B (T)	1.43	Les	175.42	mH
Gap height (mm)	6	Res	90.56	Ω
Sensitivity		Bl	11.17	N/A
2.8 V/1 m (dB)	89.5	Γ	613.95	ms ⁻² .A ⁻¹
Net weight (kg)	2.750	N	.7	%
Xmax (mm)	5.3	No	90.45	dB/1W/1m

Vented cabinet: Vb (l)

Align.	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
4	8.99	9.42	9.86	10.30	10.76
5.7	12.82	13.43	14.05	14.68	15.33
8	17.99	18.85	19.72	20.61	21.52

Vented cabinet: F-3 (Hz)

Align.	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
4	75.94	74.19	72.53	70.94	69.43
5.7	63.61	62.15	60.76	59.43	58.16
8	53.69	52.46	51.28	50.16	49.10

Vented cabinet: Fb (Hz)

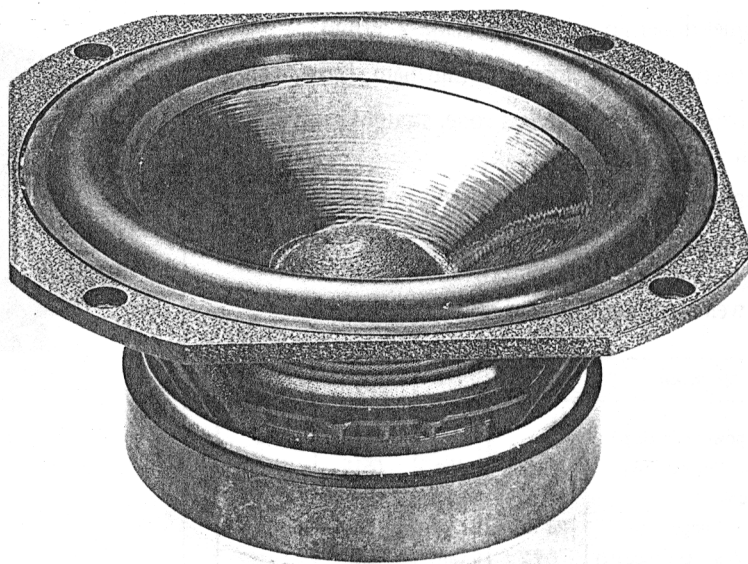
	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
Fb	59.23	57.87	56.57	55.33	54.16

Sealed cabinet: Vb (l)

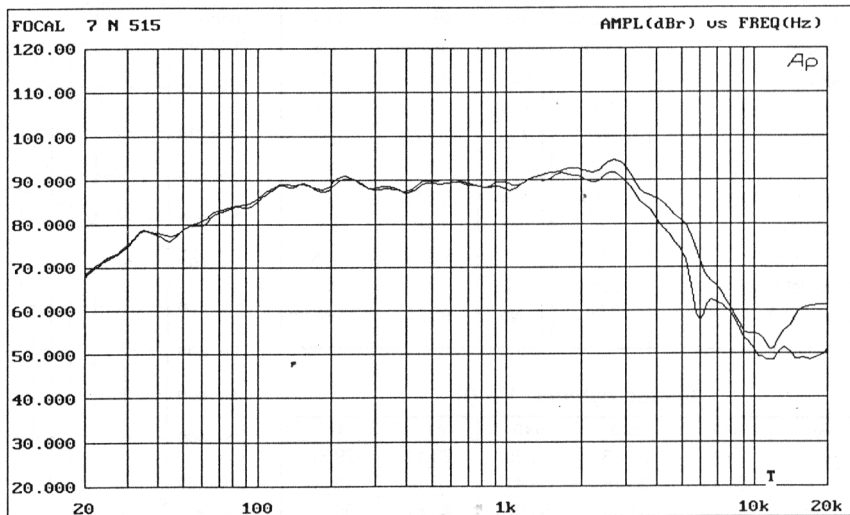
Damping	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
.5	10.86	11.49	12.15	12.83	13.54
.577	7.75	8.18	8.62	9.08	9.55
.707	4.92	5.18	5.44	5.72	6.00

Sealed cabinet: F-3 (Hz)

Damping	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
.5	117.99	115.27	112.69	110.23	107.88
.577	111.56	108.99	106.55	104.22	102.00
.707	107.39	104.92	102.57	100.33	98.19



On axis and 30° off axis frequency response



Impedance magnitude and phase versus frequency

