

- ▶ Chassis: Alu cast. 210 mm x 210 mm x 91 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 high. Edgewound copper flat wire.
- ▶ Emissive surface: Neoflex cone with Plastiflex coating, semi exponential profile.
- ▶ Suspension: Large very compliant Neoprene positive half roll ($F_s = 22$ Hz).
- ▶ Comment: Excellent driver for mid-size bass-reflex (— 3 dB @ 49 Hz in 30l.). High value for minimum impedance (can be easily wired in parallel). High power.

Specifications		Parameter	Value	Units
Rated power handling		F_s	28.87	Hz
Nominal/Program (W)	150/200	V_{as}	.0873	m ³
Voice coil		Q_{ts}	.246	
Diameter/Length (mm)	40/16.6	Q_{es}	.274	
Nom./Mini impedance (Ω)	10/8.6	Q_{ms}	2.407	
DC resistance (Ω)	7.8	R_{cc}	7.8	Ω
Inductance (mH)	0.95	D	.168	m
Former	Kapton®	S_d	.0222	m ²
Layers	1	C_{as}	6.22 E-07	m ² /N
Wire	Copper	M_{as}	48.9	kg/m ⁴
Cone	Neoflex	R_{as}	3684.44	$\Omega \cdot ac$
Surround	Rubber	C_{ms}	.0012651	m/N
Magnet		M_{ms}	.024	kg
Diameter (mm)	120	R_{ms}	1.81	kg/s
Weight (g)	876	C_{es}	193.81	μF
Flux density = B (T)	1.43	L_{es}	156.83	mH
Gap height (mm)	6	R_{es}	68.47	Ω
Sensitivity		Bl	11.13	N/A
2.8 V/1 m (dB)	90.5	Γ	463.42	ms ⁻² A ⁻¹
Net weight (kg)	2.750	N	.74	%
Xmax (mm)	5.3	No	90.68	dB/1W/1m

Vented cabinet: Vb (l)

Align.	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
4	21.13	22.11	23.11	24.13	25.16
5.7	30.11	31.51	32.93	34.38	35.85
8	42.26	44.23	46.22	48.25	50.32

Vented cabinet: F-3 (Hz)

Align.	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
4	58.68	57.36	56.11	54.92	53.78
5.7	49.16	48.05	47.00	46.00	45.05
8	41.49	40.56	39.68	38.83	38.03

Vented cabinet: Fb (Hz)

	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
Fb	45.77	44.74	43.77	42.83	41.95

Sealed cabinet: Vb (l)

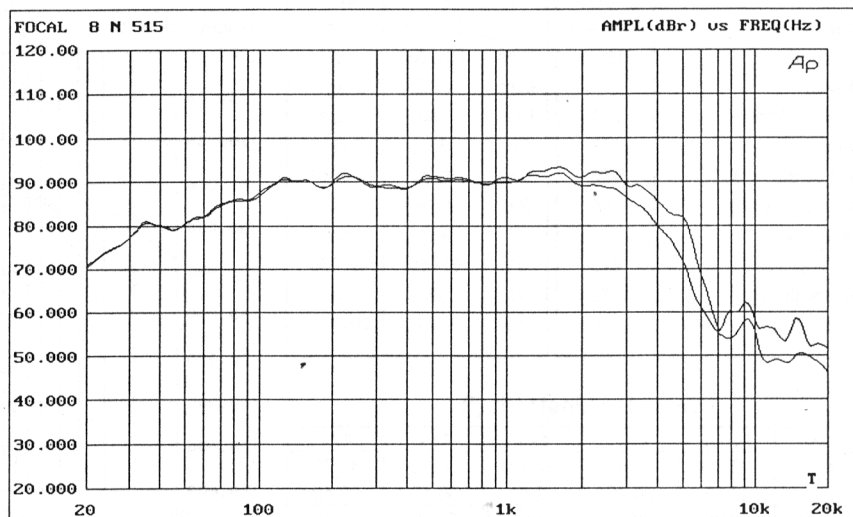
Damping	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
.5	27.88	29.61	31.43	33.34	35.34
.577	19.39	20.51	21.66	22.86	24.11
.707	12.02	12.66	13.32	14.00	14.70

Sealed cabinet: F-3 (Hz)

Damping	Rg: 0 Ω	0.2 Ω	0.4 Ω	0.6 Ω	0.8 Ω
.5	91.17	89.13	87.18	85.33	83.56
.577	86.21	84.27	82.43	80.68	79.01
.707	82.99	81.12	79.35	77.66	76.05



On axis and 30° off axis frequency response



Impedance magnitude and phase versus frequency

