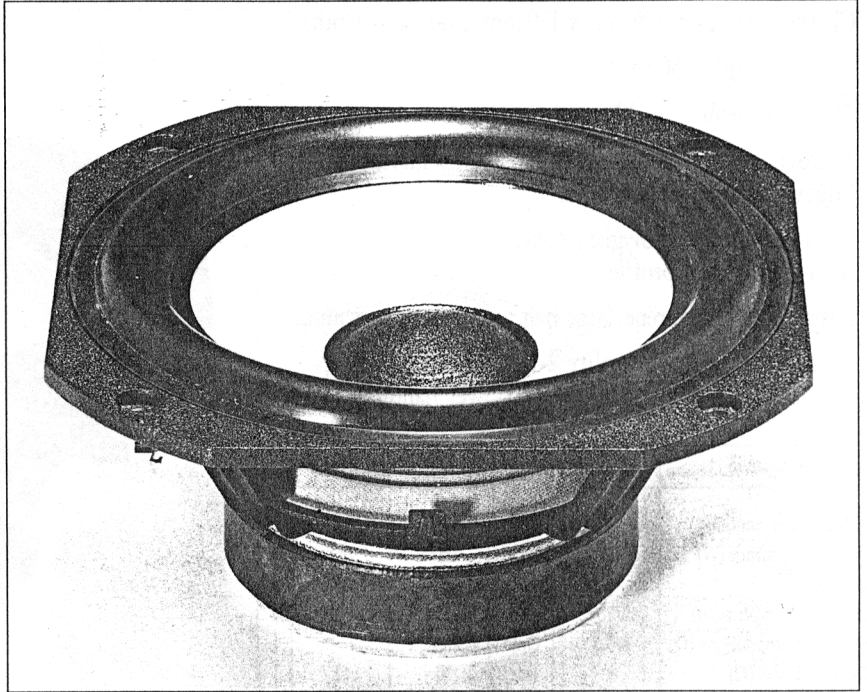
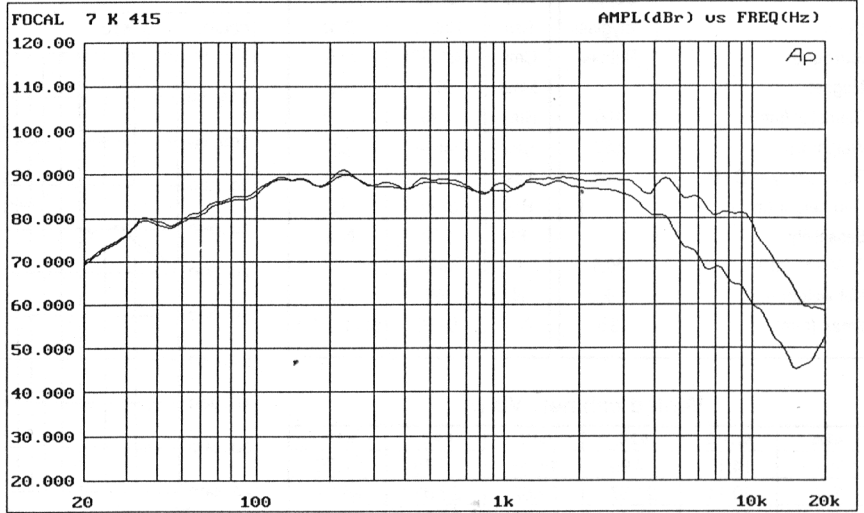


- ▶ Chassis : Alu cast. 179 mm x 179 mm x 80 mm (depth).
- ▶ Magnet weight : 560 g.
- ▶ Magnet dimensions : 102 mm diam. x 30 mm.
- ▶ Voice coil : Kapton[®] former, 40 mm diam. x 16.6 mm long voice coil. Edgewound copper flat wire.
- ▶ Emissive surface : Polykevlar K2 sandwich cone, semi exponential profile.
- ▶ Suspension : Neoprene, large half roll positive surround.
- ▶ Comment : Long throw, high power, low compression driver. High impedance (9 Ω mini) makes it very suitable for parallel wiring.



| Specifications | | Parameter | Value | Units |
|-----------------------------|---------------------|-----------|-----------|-----------------------------------|
| Rated power handling | | Fs | 32.46 | Hz |
| Nominal/Program (W) | 115/185 | Vas | .0559 | m ³ |
| Voice coil | | Qts | .26 | |
| Diameter/Length (mm) | 40/16.6 | Qes | .29 | |
| Nom./Mini impedance (Ω) | 10/8.6 | Qms | 2.522 | |
| DC resistance (Ω) | 7.8 | Rcc | 7.8 | Ω |
| Inductance (mH) | 0.85 | D | .144 | m |
| Former | Kapton [®] | Sd | .0163 | m ² |
| Layers | 1 | Cas | 3.98 E-07 | m ⁵ /N |
| Wire | Copper | Mas | 60.39 | kg/m ⁴ |
| Cone | Polykevlar | Ras | 4884.43 | Ω.ac |
| Surround | Rubber | Cms | .0015006 | m/N |
| Magnet | | Mms | .016 | kg |
| Diameter (mm) | 100 | Rms | 1.3 | kg/s |
| Weight (g) | 552 | Ces | 182.59 | μF |
| Flux density = B (T) | 1.06 | Les | 131.64 | mH |
| Gap height (mm) | 6 | Res | 67.71 | Ω |
| Sensitivity | | Bl | 9.37 | N/A |
| 2.8 V/1 m (dB) | 88.5 | Γ | 584.75 | ms ⁻² .A ⁻¹ |
| Net weight (kg) | 1.900 | N | .63 | % |
| Xmax (mm) | 5.3 | No | 90.03 | dB/1W/1m |

On axis and 30° off axis frequency response



Vented cabinet : Vb (l)

| Align. | Rg: 0 Ω | 0.2 Ω | 0.4 Ω | 0.6 Ω | 0.8 Ω |
|--------|---------|-------|-------|-------|-------|
| 4 | 15.13 | 15.83 | 16.54 | 17.27 | 18.01 |
| 5.7 | 21.55 | 22.55 | 23.57 | 24.61 | 25.66 |
| 8 | 30.25 | 31.66 | 33.08 | 34.54 | 36.01 |

Vented cabinet : F-3 (Hz)

| Align. | Rg: 0 Ω | 0.2 Ω | 0.4 Ω | 0.6 Ω | 0.8 Ω |
|--------|---------|-------|-------|-------|-------|
| 4 | 62.40 | 61.00 | 59.67 | 58.40 | 57.19 |
| 5.7 | 52.27 | 51.10 | 49.99 | 48.92 | 47.91 |
| 8 | 44.12 | 43.13 | 42.19 | 41.30 | 40.44 |

Vented cabinet : Fb (Hz)

| | Rg: 0 Ω | 0.2 Ω | 0.4 Ω | 0.6 Ω | 0.8 Ω |
|----|---------|-------|-------|-------|-------|
| Fb | 48.67 | 47.58 | 46.54 | 45.55 | 44.61 |

Sealed cabinet : Vb (l)

| Damping | Rg: 0 Ω | 0.2 Ω | 0.4 Ω | 0.6 Ω | 0.8 Ω |
|---------|---------|-------|-------|-------|-------|
| .5 | 20.74 | 22.08 | 23.49 | 24.99 | 26.56 |
| .577 | 14.25 | 15.09 | 15.97 | 16.88 | 17.83 |
| .707 | 8.75 | 9.22 | 9.71 | 10.21 | 10.73 |

Sealed cabinet : F-3 (Hz)

| Damping | Rg: 0 Ω | 0.2 Ω | 0.4 Ω | 0.6 Ω | 0.8 Ω |
|---------|---------|-------|-------|-------|-------|
| .5 | 96.96 | 94.78 | 92.72 | 90.75 | 88.87 |
| .577 | 91.67 | 89.62 | 87.66 | 85.80 | 84.03 |
| .707 | 88.25 | 86.27 | 84.39 | 82.59 | 80.89 |

Impedance magnitude and phase versus frequency

