

Brand	Celestion	Eminence Speaker	Eminence Speaker
Model	FTR18-4080F	Omega Pro-18A	Sigma Pro-18A-2
Nominal Diameter	18"	18"	18"
Power Handling (RMS)	600 Watts	800 Watts	650 Watts
Power Handling (max)	1200 Watts	1600 Watts	1300 Watts
Impedance	8 ohms	8 ohms	8 ohms
Frequency Response	30 to 3,000 Hz	40 to 800 Hz	41 to 2,400 Hz
Sensitivity	97 dB 2.83V/1m	97 dB 1W/1m	99 dB 1W/1m
Voice Coil Diameter	4"	4"	3"
Magnet Weight	110 oz.	109 oz.	120 oz.
Resonant Frequency (Fs)	32 Hz	25 Hz	28 Hz
DC Resistance (Re)	5.31 ohms	5.20 ohms	6.29 ohms
Voice Coil Inductance (Le)	1.46 mH	1.67 mH	1.90 mH
Mechanical Q (Qms)	5.24	8.18	8.28
Electromagnetic Q (Qes)	0.32	0.32	0.30
Total Q (Qts)	0.3	0.31	0.29
Compliance Equivalent Volume (Vas)	9.6 ft. ³	19.38 ft. ³	15.58 ft. ³
Mechanical Compliance of Suspension (Cms)	0.15 mm/N	0.29 mm/N	0.24 mm/N
BL Product (BL)	23.31 Tm	18.8 Tm	22.1 Tm
Diaphragm Mass Inc. Airload (Mms)	5.58 g	137 g	130 g
Moving Mass Of Diaphragm (Mmd)	4.82		
Maximum Linear Excursion (Xmax)	6 mm	4.8 mm	6.1 mm
Surface Area of Cone (Sd)		1,159 cm ²	1,140 cm ²
Cone Material	Paper / Glass Fiber	Paper	Paper
Surround Material	Cloth	Cloth	Cloth
Voice Coil Wire Material	Copper	Copper	Copper
Voice Coil Former	Fiberglass	Kapton® / Polyimide	Kapton® / Polyimide
Basket / Frame Material	Cast Aluminum	Cast Aluminum	Cast Aluminum

Magnet Material	Ferrite	Ferrite	Ferrite
Overall Outside Diameter	18.19"	18"	18"
Baffle Cutout Diameter	16.38"	16.56"	16.56"
Depth	8.07"	8.15"	8.15"
# Mounting Holes	8	8	8
Sealed Volume	1.53 ft. ³	0.99 ft. ³	1.87 ft. ³
Sealed F3	85 Hz	100 Hz	83 Hz
Vented Volume	3.05 ft. ³	2.19 ft. ³	4.33 ft. ³
Vented F3	54 Hz	65 Hz	53 Hz