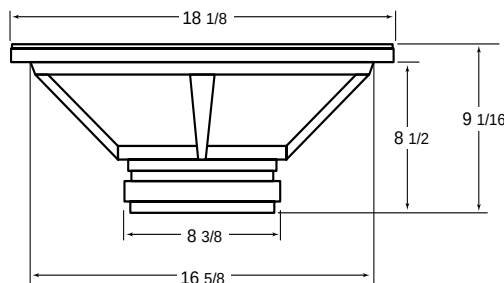


Stroker 18S Specifications

Diameter:	18"
No. of Voice Coils:	1
Sensitivity (1W @ 1m):	96 dB
Power Handling: (cont. unclipped power per EIA RS-426A)	1600 W _{rms}
Frequency Response:	31 ~ 200 Hz
Nominal Impedance:	4 Ω
Voice Coil Diameter:	3"
Mounting Diameter:	16 5/8" (42.20 cm)
Mounting Depth:	8 1/2" (21.60 cm)

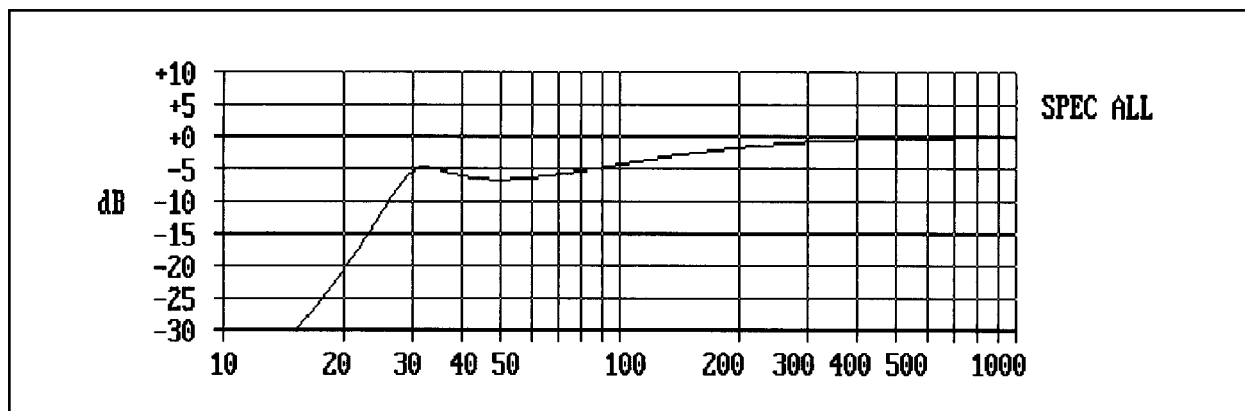


Stroker 18S Thiele-Small Parameters

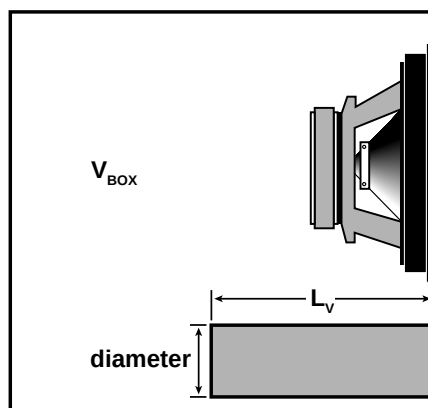
Free-Air Resonance:	f_s	31 Hz
Total Q:	Q_{ts}	0.191
Mechanical Q:	Q_{ms}	7.923
Electrical Q:	Q_{es}	0.196
Compliance Volume:	V_{as}	5.78 ft ³
Maximum Excursion: (peak to peak)	X_{max}	1.50" ($\pm 0.75"$) 38 mm (± 19 mm)
Voice Coil DC Resistance:	R_{evc}	3.6 Ω
Effective Cone Area:	S_d	169.65 in ²
Driver Displacement:		.43 ft ³

Stroker 18S Bass Reflex

Optimum Enclosure: 30 Hz Tuning - Deep Bass

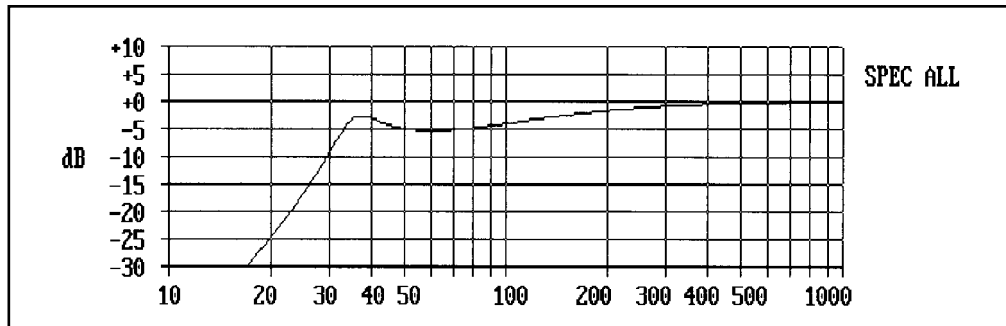


Enclosure Volume:	$V_{BOX} = 5.75 \text{ ft}^3 \text{ (net)} + 0.43 \text{ ft}^3 \text{ (driver displacement)} + \text{port displacement}$		
Number of Ports:	1	2	1
Port Diameter:	8.0 in	6.0 in/ea.	3.0 in x 18.5 in (rectangular)
Total Port Area:	50.26 in ²	56.55 in ²	55.50 in ²
Port Length:	20.38 in	23.30 in/ea.	22.81 in
Port Displacement (total):	.59 ft ³	.76 ft ³	.73 ft ³
Total Box Volume:	6.77 ft ³	6.94 ft ³	6.91 ft ³



Stroker 18S Bass Reflex

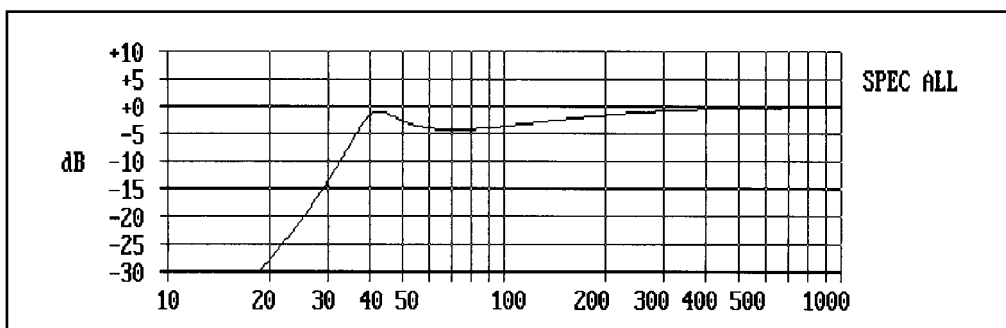
Optimum Enclosure: 35 Hz Tuning - Loud Bass



Enclosure Volume:	$V_{BOX} = 5.75 \text{ ft}^3 \text{ (net)} + 0.43 \text{ ft}^3 \text{ (driver displacement)} + \text{port displacement}$		
Number of Ports:	1	2	1
Port Diameter:	8.0 in	6.0 in/ea.	3.5 in x 18.5 in (rectangular)
Total Port Area:	50.26 in ²	56.55 in ²	64.75 in ²
Port Length:	13.43 in	15.48 in/ea.	18.19 in
Port Displacement (total):	.39 ft ³	.51 ft ³	.68 ft ³
Total Box Volume:	6.57 ft ³	6.69 ft ³	6.86 ft ³

Stroker 18S Bass Reflex

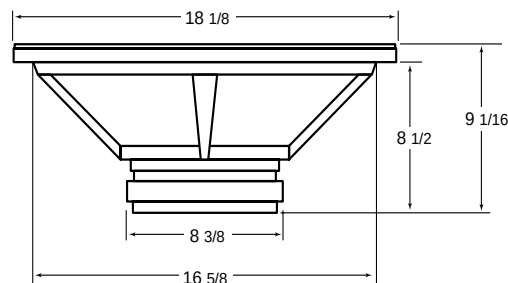
Optimum Enclosure: 40 Hz Tuning - Max SPL



Enclosure Volume:	$V_{BOX} = 5.75 \text{ ft}^3 \text{ (net)} + 0.43 \text{ ft}^3 \text{ (driver displacement)} + \text{port displacement}$		
Number of Ports:	1	2	1
Port Diameter:	8.0 in	6.0 in/ea.	3.5 in x 18.5 in (rectangular)
Total Port Area:	50.26 in ²	56.55 in ²	64.75 in ²
Port Length:	8.91 in	10.40 in/ea.	12.37 in
Port Displacement (total):	.26 ft ³	.34 ft ³	.46 ft ³
Total Box Volume:	6.44 ft ³	6.52 ft ³	6.64 ft ³

Stroker 18D Specifications

Diameter:	18"
No. of Voice Coils:	2
Sensitivity (1W @ 1m):	96 dB
Power Handling: (cont. unclipped power per EIA RS-426A)	800 Wrms /ea. coil
Frequency Response:	31 ~ 200 Hz
Nominal Impedance:	4 Ω /ea. coil
Voice Coil Diameter:	3"
Mounting Diameter:	16 $\frac{5}{8}$ " (42.20 cm)
Mounting Depth:	8 $\frac{1}{2}$ " (21.60 cm)

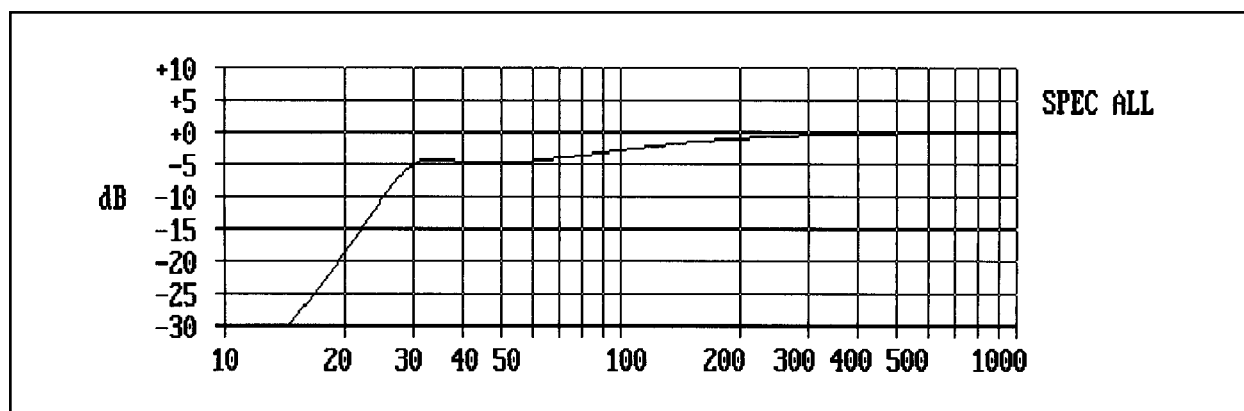


Stroker 18D Thiele-Small Parameters

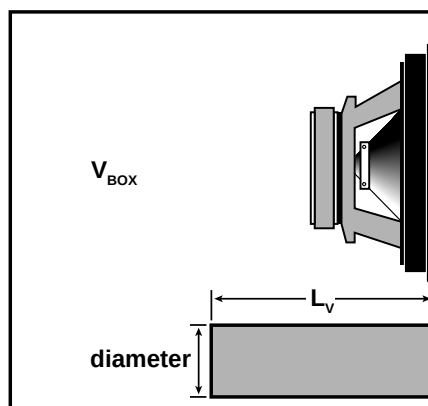
Free-Air Resonance:	f_s	34 Hz
Total Q:	Q_{ts}	0.262
Mechanical Q:	Q_{ms}	8.248
Electrical Q:	Q_{es}	0.271
Compliance Volume:	V_{as}	5.20 ft ³
Maximum Excursion: (peak to peak)	X_{max}	1.50" (± 0.75 ") 38 mm (± 19 mm)
Voice Coil DC Resistance:	R_{evc}	3.4 Ω
Effective Cone Area:	S_d	169.65 in ²
Driver Displacement:		.43 ft ³

Stroker 18D Bass Reflex

Optimum Enclosure: 30 Hz Tuning - Deep Bass

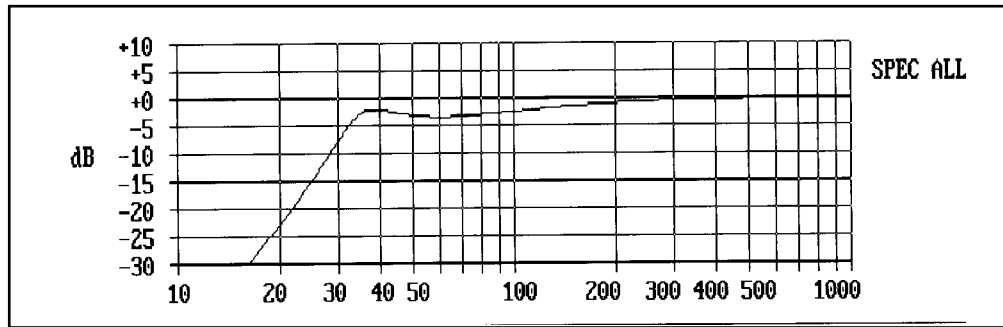


Enclosure Volume:	$V_{BOX} = 5.75 \text{ ft}^3 \text{ (net)} + 0.43 \text{ ft}^3 \text{ (driver displacement)} + \text{port displacement}$		
Number of Ports:	1	2	1
Port Diameter:	8.0 in	6.0 in/ea.	3.0 in x 18.5 in (rectangular)
Total Port Area:	50.26 in ²	56.55 in ²	55.50 in ²
Port Length:	20.38 in	23.30 in/ea.	22.81 in
Port Displacement (total):	.59 ft ³	.76 ft ³	.73 ft ³
Total Box Volume:	6.77 ft ³	6.94 ft ³	6.91 ft ³



Stroker 18D Bass Reflex

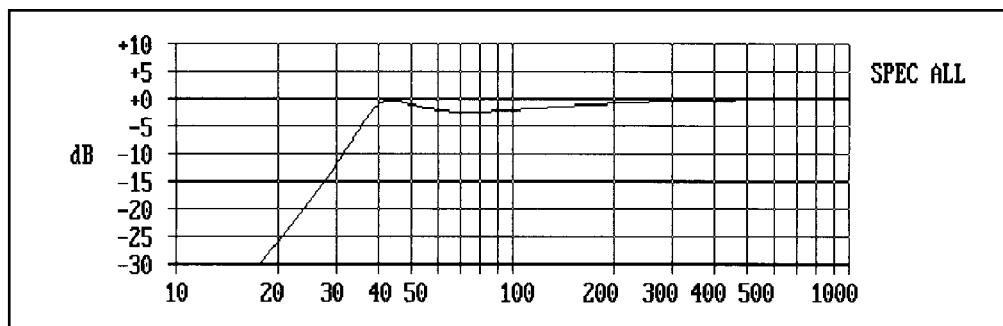
Optimum Enclosure: 35 Hz Tuning - Loud Bass



Enclosure Volume:	$V_{BOX} = 5.75 \text{ ft}^3 \text{ (net)} + 0.43 \text{ ft}^3 \text{ (driver displacement)} + \text{port displacement}$		
Number of Ports:	1	2	1
Port Diameter:	8.0 in	6.0 in/ea.	3.5 in x 18.5 in (rectangular)
Total Port Area:	50.26 in ²	56.55 in ²	64.75 in ²
Port Length:	13.43 in	15.48 in/ea.	18.19 in
Port Displacement (total):	.39 ft ³	.51 ft ³	.68 ft ³
Total Box Volume:	6.57 ft ³	6.69 ft ³	6.86 ft ³

Stroker 18D Bass Reflex

Optimum Enclosure: 40 Hz Tuning - Max SPL



Enclosure Volume:	$V_{BOX} = 5.75 \text{ ft}^3 \text{ (net)} + 0.43 \text{ ft}^3 \text{ (driver displacement)} + \text{port displacement}$		
Number of Ports:	1	2	1
Port Diameter:	8.0 in	6.0 in/ea.	3.5 in x 18.5 in (rectangular)
Total Port Area:	50.26 in ²	56.55 in ²	64.75 in ²
Port Length:	8.91 in	10.40 in/ea.	12.37 in
Port Displacement (total):	.26 ft ³	.34 ft ³	.46 ft ³
Total Box Volume:	6.44 ft ³	6.52 ft ³	6.64 ft ³