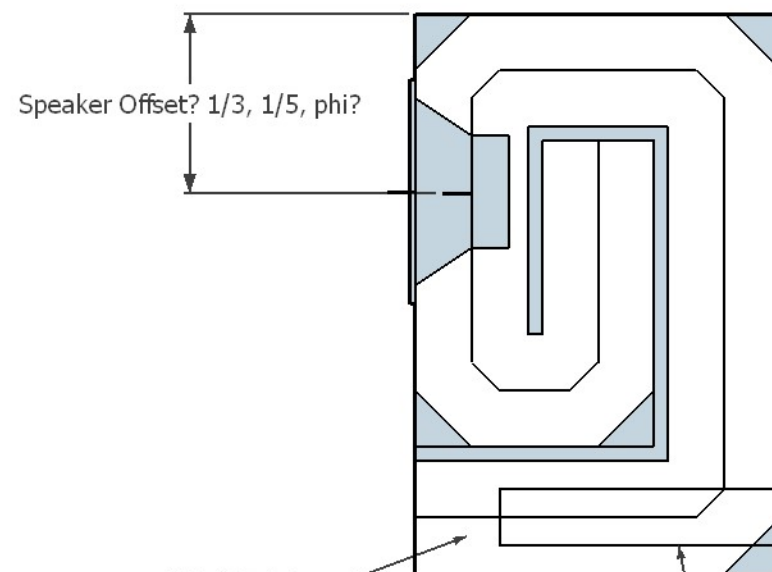


Non Offset

Dayton Audio DCS305-4 12

$S_d = 498.8 \text{ cm}^3$
 77.3 in^3

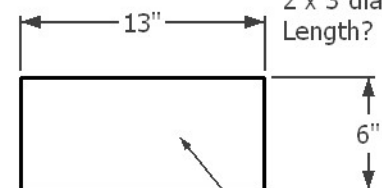
Line length calculations
 (Based on ~60% (Using phi .61803))
 $1130 / 24.2 = 46.7$
 $/4 = 11.67 \text{ ft}$
 $*12'' = 140.08''$ Line length
 $*.61803 = 86.58''$ Phi Line Length
 $*.60 = 84''$ 60% Line Length



Offset

523.125 in^2
 $*13''$ Width
 3.93 ft^3 internal
 Gross Volume

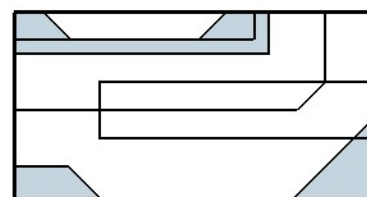
Rear Facing Port
 $2 \times 3''$ dia.
 Length?



Line Cross Section
 78.05486 in^2



$3''$ dia. port w/
 $3.75''$ outside dia.
 cross section=
 10.918928 in^2



10.918928 in^2
 10.918928
 $7 \frac{11}{16}''$
 78.099643 in^2